

15:00 - 16:00		Science track
Dynamics of respiratory viral infections: implications for infection control While options for the treatment and prevention of respiratory viral infection expand rapidly, there is little consensus on which clinical/virological markers define disease onset and duration. It is still unclear which clinical and/or virological outcomes are most relevant. Traditionally, duration of illness, hospital/ICU stay and other surrogate markers have been used. With diagnostic becoming more easily accessible and affordable, virologic follow-up may become another option. Transmission studies and individualised risk analysis may also become more feasible, along with tailored infection control measures. Speakers in this session will discuss the way respiratory viruses will best be managed in the future and how person-to-person transmission and prolonged illness can best be averted.		Chair F. Hayden
15:00	Viral shedding, disease severity and risk of household transmission in influenza	B. Rath
15:20	Immune response to respiratory viruses and disease dynamics	S.-S. Wong
15:40	Challenges in defining duration of illness in children and the elderly with RSV infection	Ş. Keske
16:15 - 17:15		Science track
Use of artificial intelligence to optimise infection prevention and control Artificial intelligence (AI) has the potential to revolutionise infection prevention and control (IPC) in healthcare settings. Harnessing the power of AI tools to analyse large amounts of data, identify patterns, and make predictions holds the potential for earlier outbreak detection, real-time monitoring of patients and staff, track spread of infectious diseases and predicting the impact of outbreaks. In turn this could allow IPC clinicians to respond more quickly to potential threats, provide personalised IPC measures, and provide better allocation of resources. Yet capturing and utilising AI as a clinically-relevant resource requires a cross-disciplinary approach. This session will provide an overview of cross-disciplinary collaborative and translational research currently taking place in this area.		Chair E. Tartari
16:15	Using artificial intelligence in infection prevention	R. Drew
16:35	Artificial intelligence-based tools to control healthcare-associated infections	A. Odone
16:55	Artificial intelligence for extending hospital outbreak investigation	J. Marschall
17:30 - 18:30		Science track
New approaches to prevention of surgical infections Infection following surgery is a major cause of patient morbidity and mortality. While some developments in patient care have assisted in improving patient safety, the increased age and vulnerability of patients undergoing surgery, and the increasing use and complexity of prosthetic materials and devices used amongst other things, present their own challenges. In this session, we explore infection prevention and control aspects of new surgical developments including implants, aspects around operating theatre behaviors and rituals, controversies surrounding ventilation and surgical site infection prevention, and optimising surgical antibiotic prophylaxis in the face of multi-drug resistant organisms. This symposium will cover key themes and challenges and provide the latest perspectives and approaches to controlling surgical infection. Special emphasis will also be placed on CNS infections in the context of CSF catheters.		Chair E.-C. Wall
17:30	Optimisation of preventive measures	H. Humphreys
17:50	CSF-catheter-related infections	D. Van De Beek
18:10	Post-intervention infections of the spine	A. Trampuz

15:00 - 16:00		Science track
Diagnosis and management of infections in critical care Diagnosis, infection control and antibiotic stewardship are vital to the functioning of a critical care unit. The delivery of these elements is usually done through a multidisciplinary team and the way in which they are delivered may vary around the world. There is no guidance or little evidence on how best this should be done. In this session we will consider different perspectives through case presentations and consider different service delivery models.		Chair R. Lazarus
15:00	Diagnosing legionellosis in critically ill patients	S. Jarraud
15:20	Preventing transmission of multidrug-resistant organisms in critical care	D. Koulenti
15:40	Influencing beyond your authority: stewardship in critical care patients	J. Schouten
16:15 - 17:15		Science track
Prevention and management of infection in the immunocompromised Neutropenic fever is a common complication during cancer chemotherapy. Important questions remain in the treatment and diagnosis of neutropenic fever. This uncertainty leads to substantial practice variation in different cancer centers around the world. The session will focus on some important issues like: 1- Empiric combination therapy in febrile neutropenia: When? Who? What combination? 2- Antibiotic duration with and without microbiological documentation 3-How to address suspected breakthrough invasive fungal infections.		
16:15		D. Van Duin
16:35		C. Gudiol
16:55		C. Robin
17:30 - 18:30		Science track
Challenges in mycobacterial infections in special populations The WHO End tuberculosis Strategy targets for 2035 are ambitious, with drug-resistant TB a significant challenge, particularly in LMICs, where over a billion people are disproportionately affected by TB compared to global trends. Besides, the incidence of NTM infections is rising owing to a growing population of aged, immunocompromised and vulnerable individuals, increased awareness and diagnostic capabilities. Increase in incidence of NTM infections are being reported in elderly people as they are more susceptible and often experiencing high morbidity. Mycobacterial infections pose both diagnostic and therapeutic challenges in haemato-oncological patients because of the many drug–drug interactions between antimycobacterial drugs and haematological and immunosuppressive treatments and the management of mycobacterial infections may delay haematological management. This symposium will discuss the challenges and opportunities of NTM management and treatment in these two groups of patients.		Chair L. Kuksa
17:30	Diagnostic advances in childhood tuberculosis	M. Bonnet
17:50	The challenges of treating nontuberculous mycobacterial diseases in the elderly	M. Jankovic Makek
18:10	Management of non-tuberculous infections in haemato-oncological patients	A. Bergeron

15:00 - 16:00**Science track**

Infectious diseases risks at animal-human-ecosystem interfaces

Chair
L. Blumberg

Zoonotic diseases are becoming growing health threats worldwide, with increasing reports of outbreaks in diverse regions. The risk of emerging and re-emerging diseases spillover and burden has been augmented by considerable interactions among animals, humans and ecosystems. One Health approaches are critical to addressing public health threats integrating environmental issues. Prevention strategies and frameworks to be implemented by governments as well as communities actions are key to effective control measures. Current examples of outbreaks will be highlighted as well as the control measures, the challenges faced and new insights into these measures and steps. Compiled and updated information on actions regarding commonly prioritised zoonotic diseases around the world, including viral haemorrhagic fevers, will be covered.

15:00 One Health approaches to risk reduction at animal-human-ecosystem interfaces**L. Wang****15:20** Updates on emerging and re-emerging zoonoses: what have we learnt from outbreaks in Africa?**15:40** Mechanisms of zoonotic pathogen spillover**E. Fichet-Calvet****16:15 - 17:15****Science track**

Do not touch the dead bird: avian influenza, a new pandemic threat?

Chair
C. Adlhoch

Avian influenza H5Nx, in particular H5N1 viruses, spread by migratory wild birds have caused large epidemics affecting wild birds and domestic poultry with sporadic spill over to several mammalian species since late 2020. This epidemic resulted in mass-mortality of a wide range of wild bird species and the loss of more than 200 million poultry. Dolphins, otters, sea lions, foxes, and minks are just some examples of mammalian species in which H5N1 virus infections have been detected. Sporadic spill over to humans leading in some cases to severe disease and fatalities has also been reported in different areas of the world. Mutations associated with mammalian adaptation are identified in mostly mammals after infection. This session will provide an overview of the up-to-date epidemiological situation and virological findings and discuss if emerging avian influenza viruses constitute a potential new pandemic threat.

16:15 Avian influenza viruses and their impact on human health**D. Kuti****16:35** Situation overview on avian influenza, where are we now?**R. Fouchier****16:55** What is the real pandemic risk for avian flu?**F. Krammer****17:30 - 18:30****Science track**

Food for thought: parasites of healthy diets

Chair
T.-M. Kortbeek

Fresh fruit and vegetables are strongly advised as healthy food. However, some fresh food products like berries and salads can pose a risk as they can be contaminated with oocysts or eggs of parasites that are not easily washed off. This symposium will show evidence provided by recent research results for different parasites and the implications of research results for communication to the general public.

17:30 Fox and dog tapeworms on lettuces and berries: consequences for human public health**G. Umhang****17:50** Protozoan surprises in ready-to-consume products**P. Jokelainen****18:10** Tracking foodborne pathogens using genomics**M. Rossi**

13:30 - 14:30		Science track
Molecular diagnosis of STIs		Moderator G. Greub
15:00 - 16:00		Science track
HIV infection: 25 years of ART and beyond		Chair M. Horgan
Antiretroviral therapy has saved many lives over the years and is now almost classified as a chronic disease. However, some challenges remain, despite its efficacy. Immune poor or non-responders continue to be a challenge for HIV physicians. This chronic disease now has excellent varieties of drugs which can be accessed but are often limited by chronic immune activation and adverse effects. In the age of precision medicine, the question arises: Can we design a treatment regimen that ensures control, patient compliance, and minimal side effects? There is indeed tantalising hope on the horizon in the pursuit of a cure. Emerging modalities, such as neutralising antibodies and CAR-T cell therapy, are being explored. HIV vaccine though the research has been disappointing still this question continues to haunt many of us. Is there a vaccine which will prevent acquisition of HIV? This symposium aims to address these questions.		
15:00	Immune discordance/non response: can it be overcome?	S. Pujari
15:20	HIV in women: the things you really need to think of	C. Sabin
15:40	The elusive cure: CAR T cell and gene therapy are we there yet?	S. Lewin
16:15 - 17:15		Science track
You are never too old for a sexually transmitted disease		Chair A.-D. Gokengin
HIV and sexually transmitted infections (STI) are increasing worldwide. Older adults are not free of these diseases. In this session we will discuss the complexity of treating long standing HIV in the older population, including the issue of treating HIV in patients with polypharmacy. In addition, overlooking STIs in elderly may occur due to lack of suspicion, though these infections do occur in this age. Overview on the epidemiology, predictors, diagnosis and management of STI in elderly will be discussed.		
16:15	How to manage HIV in the elderly	G. Guaraldi
16:35	How to manage sexually transmitted infections in the elderly	J. Kowalska
16:55	PrEP/PEP in the elderly	R. Palich
17:30 - 18:30		Science track
Differences in HIV care across regions		Chair C. Oprea
The current epidemiological and geopolitical situation in Europe has impeded monitoring progress and pitfalls in care for people living with HIV throughout Europe. The audience of the symposium will gain knowledge on how to create and implement standards of care to harmonise HIV health services in their region and an understanding of the impact of COVID-19 and war in Ukraine on continuity of care and testing services.		
17:30	From testing to retention in care: how can we do better?	A. Schneider
17:50	Standards of care as a tool for equalising quality and access to HIV care	J. Rockstroh
18:10	Conflict and migration-related challenges in HIV care	M. Vasylyev

08:00 - 19:00

EC Meeting

- Meeting participant
- M. Akova
 - S. Brüderli
 - E. Cambau
 - F. Fitzpatrick
 - J.-S. Friedland
 - A.-W. Friedrich
 - C. Giske
 - M. Horgan
 - A. Kantele
 - L. Leibovici
 - J. Moran-Gilad
 - G. Özkaya Sahin
 - J.-R. Pano-Pardo
 - A. Piroso
 - H. Rohde
 - M. Sanguinetti
 - L. Scudeller
 - R. Skov
 - E. Tacconelli
 - A. Zinkernagel

20:00 - 21:30

Meeting Room Vienna
(Hall 8.0)

Hostess Briefing

- Meeting participant
- B. Schirra
 - C. Seiler
 - E. Wennström

07:15 - 18:00

Meeting Room 8.32
(Hall 8.1 - CC8 upper
floor)

WHO CEASAR Meeting

08:00 - 10:00

Meeting Room 8.40

Trainee Association of ESCMID Meeting

Meeting participant

S. Asten
C. Bulescu
G. Caruana
A. Kantele
Y. Kherabi
C. Kraef
F. Medioli
M. Müller
C. Neidhöfer
G. Pellejero
N. Power
P. Velikov

08:00 - 10:00

Meeting Room 8.41

Guidelines Subcommittee Meeting

Meeting participant

E. Gkrania-Klotsas
T. Kostyanov
M. Langendam
J. Molina Gil-Bermejo
B. Nagavci
J.-R. Pano-Pardo
M. Paul
L. Scudeller
C. Speciale
J.-P. Stahl
S. Tschudin Sutter

09:00 - 10:30

Meeting Room 8.33

Scientific Affairs Subcommittee meeting

Meeting host

J.-S. Friedland

Meeting participant

A. Alanio
S.-D. Brugger
E. Carrara
K. Hanevik
C. Kelly
C.-R. Mackenzie
P. Naucier
A. Pascual Hernandez
N. Power
B. Voordouw
J.-M. Zajkowska

09:00 - 17:00

Meeting Room 8.37

ESCMID eAcademy Working Group

Meeting participant

S. Al-Abri

Ö. Azap
L. Cavaco
S. Delliere
C. Dokos
M. Doyle
O. Karatuna
R. Richardson
B.-G. Szabo

10:00 - 12:00

Meeting Room 8.30

Professional Affairs Subcommittee Meeting

Meeting participant

Ö.-K. Azap
G. Caruana
A. Checkley
S. Defres
S.-K. Dlamini
A. Fuchs
A. Hakanen
K. Hussein
A. Kantele
K.-G. Kristinsson
T.-M. Leegaard
M. Müller
R. Murri
D. Olivier
D. Ong
M. Semret
A.-M. Sonnevend
J.-P. Stahl
P. Velikov
B. Willinger

10:00 - 12:00

Meeting Room 8.36

ESCMID Education Subcommittee

Meeting participant

S. Al-Abri
G. Albornoz
S. Asten
Ö. Azap
F. Barony
N. Burri
E. Cambau
L. Cavaco
S. Delliere
C. Dokos
M. Doyle
S. Goepel
M. Horgan
C. Iaria
O. Karatuna
P. Kardas
C. Neidhöfer
R. Richardson
S. Ruta
J. Schouten
B.-G. Szabo
A. Tambic Andrasevic
S. Vasanthaiah
M. Vogel

10:30 - 12:30

Meeting Room 8.41

Publication subcommittee meeting

Meeting participant
S. Bröderli
A. Huttner
L. Leibovici
A. Miller
J.-R. Pano-Pardo
C. Speziale

10:30 - 13:30

Meeting Room
8.34/8.35

SAS + Study Group Chairs meeting

Meeting host
J.-S. Friedland
Meeting participant
H.-V. Aamot
A. Alanio
A. Alastruey-Izquierdo
M. Bassetti
M. Brouwer
S.-D. Brugger
E. Carrara
R. Chemaly
N. Couto
S.-J. Cutler
K. Davies
O. Epaulard
J. Esteban
M. Falcone
V. Fingerle
A.-R. Freitas
M. Giannella
G. Greub
L. Guglielmetti
K. Hanevik
C. Kelly
E.-J. Kuijper
B. Lamy
F. Laurent
C.-R. Mackenzie
T. Morris
P. Naucler
R. Nir-Paz
A. Oliver
G. Özkaya Sahin
A. Pascual Hernandez
N. Power
E. Presterl
G. Ramage
M.-L. Ricci
C. Rönnberg
V. Saegeman
J. Schouten
M.-J. Struelens
T. Tängdén
B. Voordouw
C. Wejse
J.-M. Zajkowska

12:00 - 14:00

Meeting Room 8.40

Parity Commission Meeting

Meeting participant
A. Fuchs
K. Hussein
A. Kantele

12:00 - 17:00

Meeting Room
8.38+8.39

UEMS MM Annual Meeting

Meeting participant
B. Boyle
E. Cambau
T.-M. Leegaard

13:00 - 15:00

Meeting Room 8.41

ESCMID Courses Working Group

Meeting participant
S. Asten
S. Goepel
C. Iaria
C. Neidhöfer
S. Pilkauskas
J. Schouten
A. Tambic Andrasevic
S. Vasanthaiah

14:00 - 15:00

Hall A

ESCMID think tank symposium on AMR: the importance of diagnostics

The session will precede the science-policy ESCMID-GLG symposium that will be hosted again this year on the eve of the first day of ECCMID. Specifically, this think tank will focus on the need for use of existing diagnostics as well as for diagnostics innovation, to ensure equitable access to antibiotics on the road to the High-level Meeting on AMR in September 2024 and other multi-stakeholder hearings.

Chairs
H. Rohde
T. Tängdén

ESCMID welcome

A. Zinkernagel

S. Hopkins
P. Rupali
S. Malhotra-Kumar

14:00 - 18:30

Meeting Room
8.34/8.35

ESGIB Scientific Meeting

Meeting participant
J. Bodilsen
M. Brouwer

14:00 - 21:00

Hall A

ESCMID think tank/GLG-ESCMID event/Reception

Meeting participant
G. Albornoz
F. Barony
S. Bröderli
N. Burri
E. Cambau
J.-S. Friedland
A.-W. Friedrich
A. Kantele
P. Kardas
M. Krzyzaniak
P. Kudyba
J. Moran-Gilad
M. Müller

M. Müller
A. Oliver
J.-R. Pano-Pardo
A. Piroso
M. Sanguinetti
B. Schirra
C. Seiler
R. Skov
C. Speziale
M. Vogel
E. Wennström
A. Zinkernagel

15:30 - 19:00

Hall A

Forging partnerships between science and policy: A high-level Antimicrobial Resistance (AMR) event

ESCMID is pleased to host this high-level ECCMID affiliated event in partnership with the Global Leaders Group on Antimicrobial Resistance (GLG). The event will also be live-streamed on the ESCMID Facebook and YouTube channels.

This high-level event is intended to position research, science and implementation into the political agenda of AMR and address the pressing needs of AMR across all sectors. It is a critical time for this discussion and alignment leading up to the United Nations General Assembly High-level Meeting on AMR to be held in September 2024 in New York, USA.

Antimicrobial resistance (AMR) causes 1.3 million deaths and contributes to 5 million deaths every year. By 2030, AMR could force 24 million people into extreme poverty. The drivers of AMR are multifaceted. New and affordable diagnostic testing, disease-prediction tools, vaccines, and non-antimicrobial alternatives do not exist. Research will be needed to help identify the best possible interventions, solutions and approaches in a multi-disciplinary and multi-sectoral manner. Financial and political commitment, as well as scientific interest, through engagement of governments, private sector, and civil society are crucial. The Global Leaders Group on Antimicrobial Resistance (GLG) is comprised of world leaders and experts from across sectors, committed to accelerating political action on AMR based on a One Health approach.

16:00 - 20:00

Meeting Room 8.30

ECRAID-ADVANCE ID-ARLG

17:00 - 20:00

Meeting Room
8.28/8.29

EUCIC Training Programme 2022-2024 Final Exam

Meeting participant
A. Johansson
N.-T. Mutters
E. Tacconelli
C. Tsioutis

08:30 - 09:30

Arena 1

Challenges in managing device-associated infections

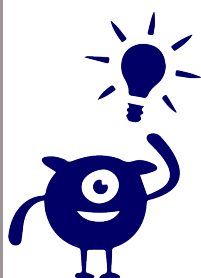
Chair
W. Clemente
Reserve chair

08:30	Evaluating the effectiveness of polymer-coated catheters in preventing primary bloodstream infections (PBIs): a systematic review and meta-analysis	S. Souza
08:36	IV catheter source of <i>Staphylococcus aureus</i> bacteraemia associated with healthcare contact has low rates of complications	S. Dewar
08:42	Impact of central venous catheter reinsertion before and after negative blood culture in patients with catheter-related bloodstream infections caused by <i>Staphylococcus aureus</i>	H. Kwon
08:48	Bacteraemia zero programmes in conventional hospitalisation wards: impact of a multimodal preventive intervention on the incidence of catheter-related bacteraemia in Spain	O. Gasch Blasi
08:54	Combating the central line associated blood stream infections in a bone marrow transplant unit of a tertiary care hospital by improving engineering controls and rigorous environmental disinfection	M. Srivastava
09:00	Prosthetic joint infection: types, infection rate and aetiology over a four-year period in a reference orthopaedic hospital	S. Sanz Sanz
09:06	Old world, new world: a comparison of prosthetic joint infection management and outcomes between Switzerland and the United States	J. Marschall
09:12	Prosthetic vascular graft infection: a Portuguese single centre experience	I. Caetano
09:18	Incidence and risk factors of catheter-related bloodstream infections in a neonatal intensive care unit (NICU): a surveillance-based study	C. Dananché

08:30 - 09:30

Arena 3

Emerging environmental and zoonotic bacterial pathogens



Chair
V. Fingerle
Reserve chair

08:30	Treatment of multiple erythema migrans with doxycycline for seven vs fourteen days: a prospective randomised open-label clinical trial	D. Stupica
08:36	The global <i>Capnocytophaga</i> consortium: first look into genomic diversity of <i>C. canimorsus</i> , a notorious zoonotic pathogen	Z. Germuskova
08:42	Genomic profiling of <i>Staphylococcus aureus</i> isolates from chicken bursitis: insights into antibiotic resistance and virulence traits	V. Silva
08:48	Emerging zoonoses caused by <i>Mycobacterium caprae</i> : surveillance through PCR targeting <i>in silico</i> identified SNPs	B. Plata Barril
08:54	Waterborne outbreak of extended-spectrum beta-lactamases-producing <i>Shigella sonnei</i> in two Catalan youth camps during the summer of 2023	A. Moreno-Mingorance
09:00	Interrogation of <i>Clostridioides difficile</i> ribotype 014/020 from western Australian horses with a One Health focus	N. Hain-Saunders
09:06	Clinical clues to the diagnosis of murine typhus	I. Zohar
09:12	Predictors of mortality within 24 hours of admission in melioidosis patients presenting to emergency department: a retrospective cohort study (MeMo24) from South India	P.-K. Tirlangi
09:18	<i>Leclercia adcarboxylata</i> , an emerging pathogen: is it an exclusive threat for the severely immune-compromised hosts?	G. Tiecco

08:30 - 09:30

Meeting Room 8.31
(Hall 8.1 - CC8 upper floor)

Infections in the Elderly Study Group open meeting

Meeting host
M. Falcone
V. Prendki
C. Roubaud-Baudron
D. Yahav

The official open business meeting for the ESCMID Study Group for Infections in the Elderly (ESGIE). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

08:30 - 10:30

Hall B

Exotic viral hepatitis: from changing epidemiology to appropriate case management

Chairs

F. Garcia

G. Özkaya Sahin

There are many hepatotropic viruses, apart from the usual A-E suspects. Although rare, herpes simplex hepatitis might cause severe liver disease during pregnancy. Now that climate change is one of the greatest health challenges of the 21st century, what is the impact of non-A-E viral hepatitis in returning European travelers and how is the changing epidemiology of vector-borne viruses reflected in cases of viral hepatitis in the world? Warmer and longer summers favor the spread of mosquitos and ticks further to the north including Europe. Furthermore, high influx of rural-to-urban migration secondary to war and natural disasters, as well as increased international travel after easing of COVID-19 lockdown, created ideal habitats for expansion of vector populations. Our aim is to raise awareness on exotic viral hepatitis and to discuss innovations in diagnosis and treatment.

08:30 Travel associated and epidemiology of hepatitis E virus in non-endemic countries

K. Jackson

09:00 Diagnosis and prevention of vector-borne hepatitis

Ö. Ergönül

09:30 Flaviviral hepatitis acquired in endemic destinations

A.-C. Bandeira

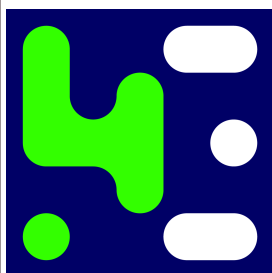
10:00 Viral hepatitis in returning travellers: beyond major hepatotropic viruses

K. Lacombe

08:30 - 10:30

Hall C

Risk communication: lessons learnt and best practices for the next pandemic



Chairs

W. Hanage

M. Langendam

Human beings are bad at handling risk, especially in uncertain circumstances. The experience of risk communication in a pandemic offers opportunities to learn and build for other infectious disease emergencies. The pandemic led to a sudden focus on ID experts, who were called upon to fill a wide number of public-facing communication roles often under intense pressure, and with little prior experience or exposure. At the same time social media came to embody a new and distinct dynamic in risk communication, one characterized by the phenomenon and logic of contagion, as noted by the term 'going viral'. This session will be an opportunity to share and learn from experiences both positive and negative, asking what worked, what didn't and to help understand why. Speakers will represent an international and diverse set of perspectives, as the course of the pandemic has been highly variable by geography.

08:30 Reporting medical emergencies for healthcare professionals

H. Branswell

09:00 Reporting medical emergencies for scientists

K. Kupferschmidt

09:30 Scientific communication to the public during medical emergency

S. Wiles

10:00 Communicating public health policy during epidemics

B. Djoudalbaye

08:30 - 10:30

Hall D

Covert pathogenesis: unexpected impact of co-occurring organisms during polymicrobial infection

Chairs

T. Coenye

C. Munoz-Almagro

Many infections are polymicrobial in nature, yet the contributions of secondary (either in abundance or perceived pathogenicity) is unappreciated. The goal of this session is to highlight infections where co-occurring microbes impact infection susceptibility or progression of another. Here we focus on covert pathogenesis in different sites (the nasal cavity, the vaginal tract, the urinary tract). We will see that in each case, the presence of a co-infecting or co-occurring microbes (including fungal-bacterial interactions) can have unexpected or outsized effects on infection outcomes.

08:30 Cooperation and competition in the human nasal microbiota

S.-D. Brugger

09:00 Co-ascending vaginal microbes during in utero infection

K. Patras

09:30 Polymicrobial interactions in UTI

M. De Vos

10:00 Fungal-bacterial interactions in infections

I.-D. Jacobsen

08:30 - 10:30		Hall E
Current clinical challenges associated with COVID-19		Chairs B. Megarbane R. Murri Reserve chair
08:30	Long-term mortality and cause-specific hospitalisation after COVID-19 hospitalisation in France: a nationwide cohort study	M. Rontani
08:42	Individuals with multiple sclerosis are at high risk for COVID-19 hospitalisation and death despite high rates of vaccination: results from the England INFORM study	S. Dube
08:54	Comparison of the prognosis of hospitalised influenza and COVID-19 cases in the Omicron variant period requiring supplemental oxygen in a cohort study: the OMIFLU study	I. López Montesinos
09:06	Immunocompromised COVID-19 ICU patients: clinical features, outcomes, and the impact of tocilizumab treatment	A. Motos Galera
09:18	Unveiling the evolution of minor mutations in sotrovimab and evusheld epitopes: a longitudinal study in haematologic immunocompromised patients with persistent COVID-19	A. González-Sánchez
09:30	The effect of social deprivation on care trajectory for COVID-19 patients from January 2021 to August 2022 in metropolitan France	S. Smaili
09:42	COVID-19 outbreaks in care homes for older people: population-based cohort study	C. Marwick
09:54	Demographic and immune correlates of SARS-CoV-2 breakthrough infection, symptomology and subsequent household transmission in UK healthcare workers	D. Pan
10:06	Characterising long COVID in different resourced settings globally: a prospective, international cohort study	J. Scott
10:18	Latent transition analysis accurately describes post-COVID condition dynamics: the Orchestra prospective international cohort	A. Gorska
08:30 - 10:30		Hall G
Climate change and the spectrum of infectious consequences		Chairs D. Carter L. Jung
The profound alteration of the planet's climate and ecosystems due to human activities, has favored new pathways for the emergence and spread of infectious diseases. Climate change and its impact on human life and ecosystems are the major challenge for the next decades. The thawing of permafrost soils sets viruses free which have been conserved in them for a long time and their global impact is unknown. Extreme weather events such as floods, droughts and cyclones promote epidemics of water-borne diseases like cholera. In addition, global travel, widespread use of antimicrobials in agriculture and human health is leading to the emergence and spread of drug-resistant pathogens. The global environmental changes we are experiencing, will shape the face of infectious diseases in the future. This session aims to provide an overview of the impact of the eco-climatic crisis on infectious disease care and epidemiology.		
08:30	Ancient viruses revived from permafrost	J.-M. Claverie
09:00	Monitoring the effects of climate change on the distribution of infectious diseases	R. Lowe
09:30	Climate change and AMR: challenges in a moving world	S. Essack
10:00	Implications of land restoration for vector-borne and zoonotic disease risks	K. Murray
08:30 - 10:30		Hall H
Endocarditis: new guidelines, approaches and challenges		Chairs J.-M. Miro S. Rieg
New international endocarditis guidelines have been recently published with some novelties in the diagnosis and management of infective endocarditis. However, some advances may be difficult to apply in low- and middle-income countries and in vulnerable populations (e.g. elderly). Besides, new insights on the role of antibiotic prophylaxis during invasive dental procedures deserve attention. The symposium aims to discuss the challenges and opportunities in these areas of clinical interest.		
08:30	The 2023 ESC endocarditis guidelines: what's new for the diagnostic process?	M.-N. Pizzi
09:00	Infective endocarditis after transcatheter valve replacement	V. Panagides
09:30	The battle against IE in the elderly: challenges and treatment options	M. Kestler Hernandez
10:00	Dental procedures and antibiotic prevention of infective endocarditis: what's new	B. Hoen
08:30 - 10:30		Hall I
Diagnostic and management dilemmas in immunocompromised hosts: you be the judge		Chairs N. Mueller A. Mularoni

The evidence for managing infection in immunocompromised host is less robust as these patients are not often included in clinical trials. Further, end-organ dysfunction, immune suppression, potential for drug-drug interactions and need for definitive management of the underlying condition influence treatment choices. In this interactive session, difficult infections not uncommonly seen in the immunocompromised host will be discussed and diagnostic and treatment choices presented to the audience for feedback and comment. This session will address the complexities of treating infection in immunocompromised hosts and provide the audience with a framework for approaching these management dilemmas.		
08:30	Invasive fungal infection prior to HSCT	J. Maertens
09:00	MDRO <i>Burkholderia</i> spp and lung transplantation	S. Aslam
09:30	Resistant CMV infection in a patient with immunodeficiency	E. Cordero Matia
10:00	Infections in decompensated cirrhosis	S. Piano
08:30 - 10:30		Hall J
Design does matter: prevention through creating a microbe-safe hospital		Chairs S.-J. Dancer N.-T. Mutters
Surfaces, water, air. The potential risks are all around us in the hospital's built environment. What are the future perspectives on designing out these risks? One of the ways to prevent occupational infections and microbial safety for patients is to eliminate hazards and minimise risks early in the design or redesign process and incorporate methods of safe design into all phases of hazard and risk mitigation. The COVID-19 pandemic has faced us with (im)possibilities of our hospitals; the boundaries of flexibility were reached in many of these. This has put the importance of hospital design on the agenda. This Educational Session will throw light on the hospital design with respect to infection control and will increase the knowledge of the infection control specialist in helping to build microbial-safe hospitals.		
08:30	The microbe-safe hospital: the role of design to optimise safety	D.-J. Weber
09:00	Architectural design strategies for infection prevention and control in healthcare facilities: prepare for the future	J. Dubose
09:30	Water and surfaces: where is the risk and how to prevent it	H. Humphreys
10:00	Optimising healthcare ventilation	C. Noakes
08:30 - 10:30		Hall K
Antibiotic resistance in a One Health perspective		Chairs L. Cavaco L.-Y. Hsu Reserve chair
08:30	Environmental origin for a long-term outbreak of <i>Enterobacter hormaechei</i> , co-producer of several metallo- β -lactamases	L. Dortet
08:42	Tracking AMR transmission footprint within a 'One Health' perspective using mobile genetic element analysis	T.-P. Lim
08:54	Genomic analysis of <i>Acinetobacter</i> spp. strains isolated from the pharmaceutical production environment	X. Hua
09:06	Characterisation of beta-lactamase-producers in sewer samples in the city of Seville, Spain	L. Monge-Olivares
09:18	Wastewater sampling to investigate community-level differences in antibacterial resistance in a major urban centre, USA	M. Nadimpalli
09:30	Surveillance of ESBL-producing and carbapenem-resistant <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> from white storks. A comprehensive geographic distribution of clones and plasmids with a One-Health approach	S.-A. Martínez Álvarez
09:42	'Porcine' news: impressively rapid disappearance of <i>mcr</i> in <i>E. coli</i> due to near-total reduction in colistin consumption, but still multidrug-resistance (MDR) and lack of standards	A. Mora Gutiérrez
09:54	A multicentre, multi-year study detecting emergence and persistence of resistance to critically important antimicrobials amongst porcine <i>Escherichia coli</i>	S. Abraham
10:06	Of pigs and men: ESBL gene dynamics on a comprehensive One Health setting	J.-F. Favieres
10:18	Longitudinal carriage of antimicrobial-resistant <i>E. coli</i> by dogs fed raw meat or cooked diets in the UK	G. Morgan
08:30 - 10:30		Hall L
Introduction of newer antibiotics in LMICs		Chairs M. Balasegaram G. Cordoba
The burden of resistant Gram-negative infections is disproportionately high in the low-middle-income countries (LMICs) contributing to a high morbidity and mortality. There is an urgent need for access and equitable distribution of reserve and newer antibiotics in areas that require it. Ensuring rational and judicious use of antibiotics is often a challenge, due to weak governance structures of antimicrobial		

stewardship programs along with absence of rapid and accurate diagnostics. This in turn also makes it difficult to implement an effective antimicrobial stewardship programme at various healthcare facilities. This session will address these controversial issues and bring about real-world awareness.		
08:30	Access to reserve antibiotics in LMICs	J. Cohn
09:00	Newer antibiotics in the absence of diagnostic capacity: how to balance access and stewardship?	C. Pulcini
09:30	Equitable distribution of antibiotics in LMICs	M. Mpundu
10:00	Developing a national stewardship programme in South Africa	M. Mendelson
08:30 - 10:30		Hall M
Providing access to laboratory diagnosis and surveillance in remote settings: problems and solutions		Chairs P. Turner D. Yeboah-Manu
Access to diagnostics and tools for outbreak surveillance are crucial for researchers and epidemiologists during an infectious disease outbreak. Typically, this kind of surveillance is performed in well-equipped laboratories with expensive equipment and skilled technical staff. In remote settings, these laboratories are often far from the site of outbreaks. Rapidly deployable stand-alone laboratory units, portable equipment and easy-to-perform, robust tests can bring the diagnostics closer to the outbreak site. This will strengthen epidemiological surveillance and contribute to containing outbreaks of emerging diseases in remote settings. In this session four practical examples of solutions for infectious disease control and surveillance in remote settings are presented.		
08:30	The value of global access to microbiology diagnostics	T. Kesteman
09:00	The mini-lab: accessible clinical bacteriology at the district level	A. Natale
09:30	Rapidly deployable medical mobile lab for epidemic control	A.-S. Ouedraogo
10:00	The suitcase lab: real-time, portable genome sequencing for outbreak surveillance	S. Duraffour
08:30 - 10:30		Hall O
Clostridioides difficile infection (CDI): managing complex cases		Chair M. Duricek
Clostridioides difficile is the leading cause of hospital-acquired diarrhoea. This 'difficult' bacterium which was first described in the 1930s is a serious re-emerging pathogen. The updated ESCMID CDI treatment guidelines provide evidence-based recommendations for patient management, yet in many common clinical scenarios, the situation is often more complex. When should surgeons operate and what parameters guide these decisions? Can multiply recurrent CDI be prevented? How do you manage it if you don't have access to faecal microbiota transplantation? Are biotherapeutic products (LBP) a promising option to prevent CDI recurrence by restoration of dysbiosis? What are the immediate priorities in the management of CDI outbreaks and why do outbreaks still occur? In this interactive session, real-life cases will be presented and discussed.		
08:30	Severe case: to operate or not?	
09:00	Multiple recurrent CDI: where to you go when FMT is not an option?	G. Ianiro
09:30	Live biotherapeutic products for recurrent CDI: what's new?	E. Reigadas
10:00	Friday of a bank holiday: CDI outbreak, now what?	K. Burns
08:30 - 10:30		Hall P
The changing faces of fungi		Chairs M.-F. Gonzalez-Lara J. Nosanchuk
Fungal diseases are increasing in incidence. The session will provide an update on several high priority pathogens that are under studied and underappreciated. Candida auris is a multi-drug resistant human fungal pathogen that has become a global threat to human health due to its drug resistant phenotype, persistence in the hospital environment and propensity for patient to patient spread. A major Blastomyces outbreak occurred in the USA in 2023 and lessons learned from addressing this, in addition to an update on the pathogen, disease and treatment, will be presented. Scedosporium and Lomentospora are medium priority WHO Fungal Priority Pathogens that are neglected, and attendees will receive an update on these pathogens. Talaromyces is another medium priority WHO pathogen with a new diagnostic in advanced development, and an update on the status of the diagnostic and the disease will be presented.		
08:30	Candida auris: a growing threat	A. Chowdhary
09:00	Blastomyces: beyond an outbreak	A. Litvintseva
09:30	Update on Scedosporium & Lomentospora	F. Lanternier
10:00	Talk to me about talaromycosis	S. Youngchim

08:30 - 11:30

Hall F

EUCAST Educational Session

In the annual EUCAST Educational Session, the main breakpoint and method changes implemented during last year will be described in detail and some of the rationale for the decisions that were made will be shared and discussed. Issues that will be addressed include antifungal susceptibility testing methods and breakpoints, paediatric dosing and potential effects on breakpoints, how to interpret endocarditis breakpoints for some agents and issues surrounding the testing of the beta-lactamase / beta-lactamase inhibitor antimicrobial agents.

Chairs

B.-J. Holzkecht
A.-P. Macgowan

08:30 EUCAST Update

C. Giske

09:00 An update on antifungal susceptibility testing and resistance screening

M.-C. Arendrup

09:30 Paediatric dosing

M. Kohns Vasconcelos

10:00 Endocarditis breakpoints

P.-C. Lindemann

10:30 Beta-lactamase/beta-lactamase Inhibitors

S. Das

08:30 - 11:45

Meeting Room 8.30

CMI Editorial Board Meeting

Meeting participant

A. Alastruey-Izquierdo
E. Bottieau
R. Chemaly
W. Couet
S.-J. Cutler
J. Hübschen
J. Hübschen
B. Huttner
L. Kaiser
A. Kalil
E.-J. Kuijper
M. Leeflang
L. Leibovici
G. Lina
G. Lina
M. Paul
J. Rodríguez-Baño
L. Scudeller
P. Sendi
T. Walsh
M. Wolkewitz
E. Yusuf

09:30 - 10:30

Arena 2

Quick looks at current phage therapy developments

Chair

M.-D.-M. Tomas Carmona
Reserve chair

09:30 Combating *Burkholderia cepacia* complex infections by integrating different strategies in the development of phage treatments

O. Yerushalmy

09:36 Impact of capsule type and expression on bacteriophage susceptibility in carbapenem-resistant *Acinetobacter baumannii*

A.-Y. Classen

09:42 Synergistic bactericidal activity of cefiderocol in combination with imipenem or bacteriophages against *Pseudomonas aeruginosa* biofilms

C. Ferretti

09:48 Carbonylation occurs in *Pseudomonas aeruginosa* clinical isolates infected by bacteriophage

T.-P. Lim

09:54 Bacteriophages as an alternative treatment for carbapenem-resistant *Pseudomonas aeruginosa* (CR_{PA}) and *Klebsiella pneumoniae* (CR_{KP}) infections

Z.-H. Chua

10:00 Phage-antibiotic synergy suppresses resistance emergence of *Klebsiella pneumoniae* by altering the metabolic activity

K. Zhou

10:06 Selection of anti-*Staphylococcus* therapeutic phages: in depth *in vitro* characterisation and *in silico* study of putative bacterial determinants of phage activity

C. Kolenda

10:12	Understanding dose-effect relationships of phage therapy: in vitro application to a Staphylococcus aureus therapeutic phage candidate	K. Royet
10:18	Pharmacodynamics of phage Ph16Kpn73 against VIM-producing Klebsiella pneumoniae clinical isolate	P. Paranos
09:30 - 10:30		Arena 4
Hot topics in tuberculosis		Chair R. Melo
09:30	Platelets drive neutrophil activation in tuberculous meningitis	K. Skolimowska
09:36	Neutrophil RAGE activation in uncontrolled DM exacerbates tissue destruction in human pulmonary TB	P.-M. Thong
09:42	Genomic discrimination between tuberculosis clusters growing because active transmission from those due to reactivations, diagnostic delays or subclinical disease	D. Garcia De Viedma
09:48	Tuberculosis drives impaired lung function: a systematic review and meta-analysis	S. Ratnakumar
09:54	Transient hyperglycaemia during tuberculosis treatment: a UK-based cohort	A. Sturdy
10:00	Risk of tuberculosis disease in military personnel with tuberculosis infection, South Korea : 2017 - 2023	S.-W. Kang
10:06	Making genetic drug susceptibility testing and outbreak detection easier and more accurate for tuberculosis	P. Fowler
10:12	Case characteristics and origin of migrant tuberculosis (TB) cases in low incidence European countries, 2014-2020	T. Domaszewska
10:18	Drug resistance acquisition in Mycobacterium tuberculosis strains during TB infection	F. Coll
09:30 - 10:30		Meeting Room 8.32 (Hall 8.1 - CC8 upper floor)
Food- and Water-borne Infections Study Group open meeting		Meeting host M. Carev A.-R. Freitas A. Tedim S. Zimmermann
The official open business meeting for the ESCMID Food- and Water-borne Infections Study Group (EFWISG). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		
09:30 - 10:30		Meeting Room 8.45
ESCMID / AstraZeneca meeting		Meeting participant S. Brüderli J.-S. Friedland A. Pirosa R. Skov A. Zinkernagel
09:30 - 10:30		Meeting Room Vienna (Hall 8.0)
Clinical Parasitology Study Group open meeting		Meeting host H. Brekke T. Mank C. Rönnerberg J. Shrivastava F. Tamarozzi
The official open business meeting for the ESCMID Study Group for Clinical Parasitology (ESGCP). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		
10:30 - 11:30		Meeting Room 8.38+8.39
FAST Investigator Meeting		

11:00 - 11:20		Innovation Theater
The global threat of AMR: understanding the challenge and advancing solutions		
Antimicrobials are a critical backbone of modern medicine, and yet resistance to these medicines is on the rise. Join us for this fireside chat to discuss the challenges driving antimicrobial resistance (AMR), as well as the urgent need for collaborative solutions that can help to combat AMR and ensure a future with effective antimicrobials.		
11:00	The global threat of AMR: understanding the challenge and advancing solutions	J. Purdy J. Young Maloney
11:00 - 12:00		Arena 1
A walk along the HIV cascade of care		Chair A. Colbers Invited chair Reserve chair
11:00	HIV-related outcomes among migrants in Europe compared to general population: a systematic review and meta-analysis	L. Frallonardo
11:06	Incidence of sexually transmitted infections in HIV pre-exposure prophylaxis users	Y. García Collado
11:12	Indicator condition-guided HIV testing at a tertiary hospital in Türkiye	G. Sanlidag I?Sbi?Len
11:18	Late HIV diagnosis in CoRIS, 2012-2022 and impact of a formative session in 20 primary care centres	A.-G. Garcia-Ruiz De Morales
11:24	HIV-1 transmitted drug resistance is rising in Estonia	A. Šablinskaja
11:30	Different effects of the companion antiretroviral drugs on dolutegravir trough concentrations: a focus on novel dual regimens	S. Pagano
11:36	Comparative analysis about the use of bictegravir, dolutegravir, and doravirine in people living with HIV aged over 50	A. Colpani
11:42	Increasing prevalence of cognitive frailty in people living with HIV	J. Milic
11:48	Trends in AIDS-defining illnesses among people living with HIV in Europe: results from EuroSIDA (2003-2021)	W. Bannister
11:00 - 12:00		Arena 2
Genomics for transmission and outbreak control		Invited chair Reserve chair
11:00	Study of the respiratory tract microbiome of mechanically ventilated patients developing pneumonia in the ICU	J.-P. Rodriguez Ruiz
11:06	Nine-year surveillance of carbapenem-resistant <i>Klebsiella pneumoniae</i> in an Italian hospital: exploring the dynamics of both core and accessory genome	G. Petazzoni
11:12	Hospital <i>Enterococcus faecium</i> demonstrates distinct environmental and patient reservoirs: a genomic point prevalence survey	N. Macesic
11:18	Management of a group A streptococcal outbreak in a maternity ward, the Netherlands (2022): investigation beyond the hospital borders	J. Van Prehn
11:24	Genomic epidemiology of ESBL <i>Klebsiella pneumoniae</i> isolates from the northern metropolitan area of Barcelona reveals complex transmission dynamics	A.-E. Bordoy
11:30	UK-wide <i>Burkholderia cenocepacia</i> ST2147 outbreak associated with carbomer-containing lubricating eye gel	N. Chandra
11:36	Correlation of metagenomes, taxonomy and antimicrobial resistance profiles of bacteria associated with wastewater and infected patients	N. Oconnell
11:42	Prospective whole-genome sequencing for methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) surveillance: implications for infection prevention at a large health system	R. Rosa
11:48	Lessons learnt from genome-oriented management of outbreaks involving vancomycin-resistant enterococci: is it time to take second look at evidence through the lens of whole-genome sequencing?	A. Rath
11:00 - 12:00		Arena 3
Diagnostic challenges: exotic pathogens for some, common for others		Chair A. Checkley

		Reserve chair
11:00	Phylogenomic characterisation of mpox virus strains isolated in Emilia Romagna (Italy) during the 2022 epidemic: new insights for different lineages co-circulation	A. Scagliarini
11:06	Towards a low-cost, open-source, saliva-based PCR test for mpox virus	A. Wyllie
11:12	Toxin or no toxin? Challenges in molecular diagnostics of <i>Corynebacterium diphtheriae</i>	F. Imkamp
11:18	First description of melioidosis in Maranhao, Brazil: molecular tools uncover MALDI-TOF misidentifications	J. Leal
11:24	<i>Yersinia enterocolitica</i> detected by syndromic testing: are all diarrhoeagenic?	M. Torpdahl
11:30	Development of a core-genome multilocus sequence typing scheme for <i>Yersinia enterocolitica</i> : a tool for outbreak detection and surveillance	J. Pires
11:36	Fourier transform infrared spectroscopy reliably differentiates capsular types in hypervirulent and classical <i>Klebsiella pneumoniae</i>	M. Cordovana
11:42	Molecular diagnosis and typing of the scabies mite, <i>Sarcoptes scabiei</i> , var <i>hominis</i>	S. Bruisten
11:48	Comparison of current MALDI-TOF mass spectrometry databases for the identification of <i>Trichophyton</i> spp.	D. Rodriguez-Temporal

11:00 - 12:00		Hall A
Redefining sepsis: past and future Sepsis represents a syndrome resulting in significantly high mortality. Based on current knowledge, sepsis cannot be viewed as a single disease, but rather a syndrome with several common features of a dysregulated immune system. In his Keynote lecture, Mervyn Singer will provide an overview on sepsis in association with multi-organ failure, infection, shock and haemodynamic monitoring. He will also focus on sepsis biomarkers and antibiotic therapy during sepsis.		Chairs A.-W. Friedrich E. Tacconelli
11:00		M. Singer

11:00 - 12:00		Hall B
Young Investigator Awards for Research in CM and ID The ESCMID Young Investigator and Emerging Young Investigator Award winners will receive their awards and present their research during the session “Young Investigator Awards for Research in CM and ID”.		Chairs J.-S. Friedland R. Skov
11:00	Antibody-mediated treatment and prevention of viral infections	H. Gruell
11:10	Antibiotic disposition in children: are we under- or overdosing our most vulnerable patient population?	P. De Cock
11:20	Getting to the point of point-of-care testing	N. Brendish
11:30	Use cases of artificial intelligence in clinical epidemiology in infectious diseases	R. Leistner
11:40	Genomic surveillance of viruses of public health importance in low and middle-income settings: opportunities and challenges	I. Praharaj

11:00 - 12:00		Hall C
<i>Pneumocystis jirovecii</i> pneumonia: diagnostic updates During the last decade PCR has replaced immunofluorescence for diagnosing <i>Pneumocystis jirovecii</i> pneumonia (PJP) in most European centres. Interpretation of PJP PCR remains a common problem for both clinical microbiologist and infectious disease specialists, particularly in the HIV-negative patient. Can/should we use the semi-quantitative result from qPCR to discriminate between colonisation and infection? Can data derived from recent studies be used to underpin different strategies to increase the PPV and NPV of PCR testing? The importance of pre-test likelihood, “calibrating” your qPCR against immunofluorescence, and combining with beta-D-glucan will be discussed.		Chairs A. Alanio J. Meletiadis
11:00	<i>Pneumocystis jirovecii</i> pneumonia in the ICU patient	D.-R. Giacobbe
11:30	Strengths and limitations of <i>Pneumocystis jirovecii</i> pneumonia molecular diagnostics	R. Richardson

11:00 - 12:00		Hall D
New insights in fungal drug resistance in <i>Candida</i>		Chair

	auris	N. Govender Invited chair
11:00	Upc2-mediated mechanisms of azole resistance in Candida auris	L. Aubry
11:12	Increased virulence of pan-resistant Candida auris observed in a murine survival and fungal burden model comparing echinocandin-susceptible and pan-resistant strains	M.-A. Ghannoum
11:24	Genetic ablation of C. auris UPC2 confers rapid fungicidal activity to the triazoles	L. Doorley
11:36	Fluconazole-resistant Candida parapsilosis : whole genome sequencing confirmed genotypes spreading across Spain and suggests azole resistance mechanisms additional to ERG11p substitutions	A.-C. Mesquida Marcos
11:48	Tandem gene duplications contributed to high-level azole resistance in a rapidly expanding Candida tropicalis population	M. Xiao

11:00 - 12:00	Hall E
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Antimicrobial stewardship in special patient groups: leave no one behind		Chairs M. Mendelson C. Palos Invited chair Reserve chair
11:00	Retrospective multicentre cohort of immunocompromised patients treated with cefiderocol for infections caused by multidrug-resistant Gram-negative bacteria	S. Soueges
11:12	Antimicrobial stewardship program in a high-risk paediatric population: experience of a two-step intervention in a paediatric haemato-oncology unit	C. Liberati
11:24	Infections and antimicrobial therapy among hospitalised elderly patients with negative blood cultures: NOBACT-study	G. Pellejero
11:36	Antimicrobial stewardship intervention in residential aged care: a multicentre, stepped-wedge, cluster randomised controlled trial (the START Trial)	N. Jekanovic
11:48	Evaluation and implementation of optimised antimicrobial dosing strategies in obese and underweight patients	E. Van Den Broucke

11:00 - 12:00	Hall G
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Prevalence of healthcare-associated infections across Europe		Chairs D. Macfadden R. Vatcheva-Dobrevska Invited chair Reserve chair
11:00	Network analysis of English hospital patients to select sentinel sites for efficient rapid identification of novel Clostridium difficile strains	D. Pople
11:12	The global prevalence of multiresistant Gram-negative bacteria and Clostridioides difficile colonisation in residents of elderly care centres: a systematic review	E. Rodriguez
11:24	Prevalence of healthcare-associated infections in Belgian acute care hospitals in 2022: results of the ECDC point prevalence survey	L. Catteau
11:36	WHO infection prevention and control assessment framework: results of 220 hospitals in Spain	L.-M. Parra
11:48	Molecular based (semi-automated) surveillance for hospital infection control is less effective for VRE than for MRSA and MDR E. coli	H. Tönnies

11:00 - 12:00	Hall H
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Bone and skin: mycobacterial diseases		Chair Y. Kherabi Reserve chair
11:00	Sacroiliac and hip septic arthritis due to Mycobacterium tuberculosis : an unusual extrapulmonary manifestation	N. Uribe Pulido
11:00	C5-C6 spondylodiscitis with epidural abscess caused by hematogenous dissemination of Mycobacterium abscessus complex	R.-T. Kandikuppa
11:00	A case of Mycobacterium abscessus subsp. massiliense vertebral osteomyelitis	H. Torpy
11:00	A challenging Mycobacterium abscessus skin and soft tissue infection in a patient with a complex medical background	S. Alhebsi
11:00	A case of disseminated nontuberculous mycobacterial (NTM) infection in a patient with HIV/AIDS	S. Leopold

11:00 - 12:00		Hall I
Seasonal influenza, COVID-19 and RSV: where do we go? This session will provide a timely update on influenza, SARS-CoV-2 and RSV epidemiological and microbiological situation. It will address how surveillance and knowledge of these respiratory pathogens has been affected directly and indirectly by the COVID-19 pandemic. It will also provide guidance on possible use cases for alternative testing strategies including self-testing, point of care testing and laboratory testing.		Chairs V. Borges P. Openshaw
11:00	Epidemiology and surveillance	C. Russell
11:30	Laboratory-based and point-of-care diagnosis	S. Van Der Werf
11:00 - 12:00		Hall J
When colonisers run amok: how to study carriage of bacteria Dysbiosis, the disruption of the microbiota, has been increasingly linked to various health problems, including infectious diseases. However, the causal relationship between dysbiosis and infections is still a matter of debate. Understanding the role of microbiota in protecting against and modulating the expression of infectious syndromes is crucial. This Meet-the-Expert session aims to critically evaluate the evidence supporting the causal relationship between dysbiosis, colonisation and infection (such as pneumococcal invasive disease, recurrent UTI, recurrent <i>C. difficile</i> infection, and meningococcal disease). Speakers will explore the latest research findings and knowledge gaps in this area, fostering discussion and providing insights into the potential implications for clinical practice.		
11:00		A. Finn
11:30		C. Munoz-Almagro
11:00 - 12:00		Hall K
Newer insights in resistant Gram-negative fermenters' epidemiology		Chairs J.-P. Horcajada J. Rodríguez-Baño Reserve chair
11:00	NDM- and OXA-48-producing Enterobacterales from Ukrainian persons in the Netherlands	K. Vendrik
11:12	Phylogenomic analysis of <i>Klebsiella pneumoniae</i> ST307 clone in Andalusia (Spain) revealed high-spread lineages that predominate in specific regions	M. Alcalde-Rico
11:24	Prevalence, colonisation dynamics, persistence and impact on the gut microbiota of the colonisation by extended-spectrum beta-lactamase-producing <i>Enterobacteriaceae</i> in Spanish children	M. López-Siles
11:36	Tracing the possible evolutionary trends of <i>Morganella morganii</i> : insights from molecular epidemiology and phylogenetic analysis	C. Jiawei
11:48	Emergence of ceftazidime-avibactam resistance and increased susceptibility to carbapenems in GES-carbapenemase <i>Serratia marcescens</i>	S. García-Fernández
11:00 - 12:00		Hall L
How to use CRISPR-Cas to combat AMR CRISPR-Cas system could become an important tool to in the development of novel therapeutic strategies, especially targeting bacterial virulence or resistance to antimicrobials. The session is focused on the use of CRISPR systems to combat antibiotic resistant bacteria. The lectures will cover recent advances in the research focused on CRISPR-Cas and in the development specific tools to combat antibiotic resistance. Within both lectures, anti-CRISPR systems that can cause bacterial resistance to that approach should be also discussed.		
11:00		P. Fineran
11:30		
11:00 - 12:00		Hall M
Current highlights and future directions in transplant infectious diseases		Chairs M. Giannella

11:00	Development and validation of a risk-prediction model of cytomegalovirus infection in solid organ transplantation integrating cell-mediated immunity	D. Kervella
11:12	CMV antiviral resistance in haematopoietic stem cell transplantation recipients during and after letermovir prophylaxis	A. Caillault
11:24	The use of the cytomegalovirus T cell immunity panel to predict clinically significant infection in allogeneic haematopoietic cell transplant recipients (allo-HCT)	F. Khawaja
11:36	Burden of infections in solid organ transplant recipients during long term follow-up	J. Courjon
11:48	Cessation of fluoroquinolone prophylaxis in inpatients with haematological malignancy: a retrospective cohort analysis	A. Bapat

11:00 - 12:00		Hall N
Tropical diseases: management dilemmas and newer concepts Tropical diseases continue to contribute to a great deal of mortality and morbidity in the tropics. Clinical presentations of neurocysticercosis like subarachnoid or intraventricular cysts and cysticercal encephalitis where recurrent episodes of edema occur continue to be a challenge to manage and treat. There has been recent interest in trying to control the incidence of dengue by employing newer modalities in early dengue by using newer antivirals and modulators of host immune response and thus modifying clinical course.		Chairs K. Morch S.-B. Sirima
11:00	Management dilemmas in cysticercosis	H.-H. Garcia
11:30	Dengue: newer antivirals and host modulating therapies	G.-N. Malavive

11:00 - 12:00		Hall O
Artificial intelligence application in diagnostics		Chairs A. Cuénod C.-H. Yoon Reserve chair
11:00	Old meets new: validating the clinical utility of ChatGPT in advancing Gram stain interpretations	R. Kochi
11:12	Artificial intelligence for FISHseq image evaluation in infective endocarditis: can we improve the diagnosis?	A. Moter
11:24	Establishment of a deep learning method for automated identification of bacteria in blood culture Gram stains	Q. Yi
11:36	Artificial intelligence used to reduce diagnostic microbiology backlog	S. Gemma
11:48	Application of artificial intelligence for the interpretation of real-time PCR assays in a high-volume clinical laboratory	B. Marlowe Goslow

11:00 - 12:00		Hall P
Emerging bacterial infections in neonates and children		Chairs R. Dagan J. Toubiana
11:00	Emergence and spread of a mupirocin-resistant variant of the European epidemic fusidic acid-resistant impetigo clone of <i>Staphylococcus aureus</i> in Belgium, 2013 to 2023	N. Yin
11:12	Emerging staphylococcal groups with higher mortality rates: a systematic review and meta-analysis of mortality outcomes in neonatal staphylococcal bloodstream infection	L.-F. Hill
11:24	The growing importance of non-PCV13 serotypes in pediatric invasive pneumococcal disease in Portugal accompanies increases in antimicrobial resistance	C. Silva-Costa
11:36	Co-infection status of pneumococcal infections among children in Malaysia	N.-H. Ramzi
11:48	Molecular epidemiology and clinical characteristics of paediatric tuberculosis in Île-de-France, Paris: a 6-year retrospective study	C. Menvielle

11:00 - 12:00		Meeting Room 8.31 (Hall 8.1 - CC8 upper floor)
Forensic and Postmortem Microbiology Study Group open meeting		Meeting host M. Cohen A. Fernández-Rodríguez

The official open business meeting for the ESCMID Study Group for Forensic and Postmortem Microbiology (ESGFOR). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

V. Saegeman

11:00 - 12:00

Meeting Room Munich
(Hall 8.0)

Antimicrobial Stewardship Study Group open meeting

The official open business meeting for the ESCMID Study Group for Antimicrobial Stewardship (ESGAP). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

Meeting host

E. Charani
K. De With
J. Schouten
K. Thursky
P. Yonga

11:30 - 11:50

Innovation Theater

TBC

11:30 TBC

11:59 - 13:30

Poster Area

Poster Session : Categories 1, 4, and 10

12:00 - 12:20

Innovation Theater

Critical results for critical samples

12:00 Critical results for critical samples

F. Pea

12:00 - 13:00

Meeting Room Vienna
(Hall 8.0)

Respiratory Viruses Study Group open meeting

The official open business meeting for the ESCMID Study Group for Respiratory Viruses (ESGREV). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

Meeting host

R. Chemaly
B. Rath
C. Skevaki
S. Tsiodras

12:00 - 13:30

Poster Area

01a. HIV/AIDS (incl diagnostics & epidemiology, anti-retroviral drugs, vaccines, treatment & susceptibility/resistance)

Decreased risk of nosocomial transmission of hepatitis B virus and hepatitis C virus among hemodialysis patients from southern Bulgaria

R. Komitova

Re-engagement of formerly incarcerated people living with HIV lost to care

M. Brito

Metabolic co-morbidities among people living with HIV (PLWH) in an urban specialist HIV clinic in the United Kingdom

I. Maan

Impact of CRISPR-Cas gene cassettes on the packaging efficiency and transduction titer of lentiviral vectors

P.-Z. Kroon

High levels of HIV-1 recombinants circulating in Portugal

V. Duque

CRISPR-Cas therapy towards a cure for HIV/AIDS

E. Herrera Carrillo

We need to talk about ART: a survey of clinicians and people living with HIV

A. Belfield

Economic evaluation of post-exposure prophylaxis-in-pocket (PIP) compared to pre-exposure prophylaxis (PrEP) for individuals with a low frequency of high-risk HIV exposures: a matched control study	M. Sapin
The influence of concurrent low-dose oral calcium carbonate supplementation on steady state pharmacokinetics of once daily oral raltegravir	L.-L. Teixeira Nunes Porto
Perceived knowledge, attitudes, and practices of major non-communicable diseases and their risk factors among people living with HIV in Rwanda	V. Umuhire Niyonkuru
Whole genome sequencing approach to identify HIV-1 drug resistance in clinical samples	S. Mohamed
Immune responses after mpox infection or vaccination in a cohort of HIV-PrEP users	A. Pettke
Extinction of all infectious HIV in cell culture by the CRISPR-cjCas9 system	Y. Bao
Clinical impact of APOBEC mutations and prevalence in HIV antiretroviral resistance reports	L. Chaves-Blanco
Ten years of HIV admissions at a tertiary infectious diseases centre: increased mortality and length of stay	B. England
Update on transmitted resistances in treatment-naive patients in Spain (2022)	L. Chaves-Blanco
Effect of HIV treatment milestones on the HIV care continuum and AIDS diagnoses in CoRIS (2005-2022).	A.-G. Garcia-Ruiz De Morales
Cabotegravir/rilpivirine long-acting for HIV treatment in a real-life setting: data from an Italian monocentric cohort	M. Matone
Prevalence and risk factors of sarcopenia among people living with HIV	J. Jäger
Quantification of HIV RNA in cerebrospinal fluid	S. Grelli
Altered gut microbiota composition in virologically suppressed HIV-infected individuals on antiretroviral therapy: implications for chronic inflammation and metabolic health	J. Eun-Jeong
NeuMoDx HIV viral load failure in a large group of Mayotte patients: viral diversity is still a challenge	B. Visseaux
Familiarity of primary care physicians and infectious diseases specialists with PrEP and their willingness to prescribe it in the MENA region	J. Naous
Gut innate immunity dysregulation and T cells activation go in parallel during HIV immunopathogenesis	L. Maddaloni
HIV-DNA minority mutations profile in long-term infected paediatric population	L. Colagrossi
Elimination of infectious HIV DNA by CRISPR–saCas9	Z. Yu
Comparison of short-read and long-read next-generation sequencing technologies for determining HIV-1 drug resistance	C. Vellas
Provision of care among migrants and refugees in a tertiary care center in Romania	I. Ianache
Intersection of HIV, biological considerations and comorbidities in women living with HIV: impact of online independent medical education on physician knowledge and confidence	J. Duffey
Effect of HIV and mpox co-infection on clinical outcomes: systematic review and meta-analysis	A.-J. Rodriguez-Morales
A retrospective review of equivocal HIV serology results at a London (UK) teaching hospital	M.-A.-Y. Fernando
Endoscopic features of gastric cryptosporidiosis in patients with HIV	T. Shinha
High level of archived and circulating HIV-1 drug resistance mutations in adolescents with suppressed and unsuppressed viral loads in Cameroon	A.-B. Djyou Djeuda
The newly developed NeuMoDx HIV-1 quant assay compared to the established alinity m HIV-1 assay for routine viral load measurement	R. Ehret
HIV prevalence rates amongst migrant sex workers in Europe	D. Onyango
A framework to evaluate the effectiveness of models of care for people with HIV (PWH)	G. Guaraldi
Delayed HIV diagnoses in the West of Ireland	E. Walsh

12:00 - 13:30		Poster Area
1b. Viral hepatitis (incl diagnostics & epidemiology, antiviral drugs, vaccines, treatment & susceptibility/resistance)		
Comparison of non-invasive methods and liver biopsy for detection of liver fibrosis associated with chronic hepatitis B	M. Filiz	
Investigation of stanniocalcin-1 as a new biomarker in the detection of chronic hepatitis B associated liver fibrosis: a pilot study	M. Filiz	
Distribution and relevance of hepatitis B genotypes in the general population of Slovakia	I. Hockickova	
The characteristic of maternal HBV quasiespecies is related to occult HBV infection of infants born to highly viremic mothers	Y. Li	
Repressed expression of human endogenous retroviruses HERV-K (HML-2) and HERV-9 in chronic hepatitis C patients with endogenous activation of the interferon system in the liver	K. Kitsou	
New molecular assay for the detection and quantification of hepatitis B virus load in EDTA-plasma	I. Cortés Portero	
Is HBV RNA a promising biomarker in chronic hepatitis B?	A. Skeva	
In silico 3-D structural prediction and characterisation of hepatitis E virus RNA-dependant RNA-polymerase (RdRp) region for antiviral research	V. Thakur	

On the road to Hepatitis C elimination, the need for screening beyond risk factors	M. Rodríguez Maresca
Hepatitis Delta virus variability in Italy	A.-R. Garbuglia
Hepatitis B associated with severe COVID-19: a nationwide cohort study in Sweden	F. Jakobsson
Diagnostic performance of two chemiluminescence immunoassays for the detection and quantification of hepatitis B virus surface antigen (HBsAg): a comparative study	F. Pérez-García
Surveillance of the zoonotic rat hepatitis E virus in rodents in Spain	J. Caballero Gómez
Evaluation of RT-qPCR for the diagnosis of active hepatitis D virus (HDV) through a single-step approach	H. García-López
Detection and quantification of hepatitis delta virus RNA by three different assays	M. Illescas López
An innovative strategy to relink into care patients with active HCV infection.	F. Garcia
Outbreak of acute hepatitis HCV in HIV-infected individuals	G. Redondo
Antibody coated liposomes for transmucosal vaccination	S. Bhargava
Limited uptake of hepatitis D virus testing in people living with hepatitis B virus infection in Australia	K. Hajkowicz
Hepatitis B infection and immunity in Timor-Leste: a population-representative serological survey	J. Francis
Hepatitis C virus (HCV) screening in an emergency department (ED), an effective strategy to hepatitis C elimination	M. Rodríguez Maresca
Analytic validation of a lab-developed qPCR assay for fully-automated high-throughput detection of Rocahepevirus ratti (ratHEV)	M. Luetgehetmann
Predictive factors for progression of fibrosis in chronic HBV infection on the indeterminate phase	S. Rouis
The newly developed NeuMoDx HBV Quant Assay compared to the established Alinity m HBV Assay in routine viral load measurement	R. Ehret
The newly developed NeuMoDx HCV Quant Assay compared to the established Alinity m HCV Assay in routine viral load measurement	R. Ehret
Prevalence of HDV infection in HBV positive patients from University Hospital in North Sardinia: updated data	L. Denti
Performance of a new fully automated platform for HIV, HBV and HCV viral load assessment	S. Bandarra
Evaluation and usefulness of rapid molecular assay for hepatitis C virus RNA detection	L. Melo Villar
A large outbreak of hepatitis A in a northern community in Canada 2021-2022: public health interventions and immunisation in a remote context	Y. Tcholakov
Evaluation of the virological profile of pregnant women infected with the hepatitis B virus treated at a referral center in Rio de Janeiro, Brazil	L. Melo Villar
Hepatitis E virus molecular surveillance in Hungary between 2018-2023 reveals infections with rare subtypes	A. Dencs
Profile of patients diagnosed with active HCV infection in an emergency department in Almeria, Spain	M. Rodríguez Maresca
Opportunistic rescue of patients with HCV infection and lost in the healthcare system: results of the relink-C study in Almeria, Spain	M. Rodríguez Maresca
3Hdect-Q real-time PCR kit for simultaneous detection and differentiation of HIV, HCV and HBV in human plasma, serum and whole blood samples	B.-S. Gurjar
Is it cost-effective to implement double reflex testing strategy to diagnose hepatitis D-superinfection? Reflections from Sweden representing a country with low prevalence of hepatitis B and D viruses	J. Walles

12:00 - 13:30

Poster Area

1c. Influenza and respiratory viruses (incl diagnostics & epidemiology, antiviral drugs, vaccines, treatment & susceptibility / resistance)

Underdiagnosis of viral aetiologies in moderate-to-severe community-acquired pneumonia: an important clinical gap	N. Dorothy Hui Lin
Phylogenetic lineage dynamics of global parainfluenza virus type 3 post-COVID-19 pandemic	K. Park
Nanobody-based PROTAC strategy provides broad-spectrum antiviral activity against porcine arterivirus	F. Meng
Frequency of respiratory virus detection in the upper respiratory tract of hospitalised patients	C. Zarras
Beyond influenza and SARS-CoV-2: advancing respiratory sentinel surveillance in Sweden	C. Espinosa-Gongora
Prophylactic efficacy of CD388, a novel drug-Fc conjugate (DFC), in an influenza A/H3N2 human challenge model	R.-E. Rojas
Clinical performance evaluation of two commercial antigen test kits for diagnosis of SARS-CoV-2, influenza A and influenza B infection	J. Chang
Respiratory syncytial virus infections in recipients of bone marrow transplantations: a systematic review and meta-analysis	M. Riccò

	Influenza virus, SARS-CoV-2, respiratory syncytial virus, rhinovirus, adenovirus, bocavirus, and other respiratory virus circulation during 2022–2023 season in Latvia: focus on codetections	O. Savicka
	The resurgence of influenza activity and out-of-season epidemics of RSV during the Omicron waves in Beijing, China	Y. Li
	Determination of RSV reinfection in a German population cohort between 2020 and 2023 using a newly established RSV antigen-derived 9-plex immunoassay (RSV MIA)	P. Marsall
	Risk of cardiovascular events after influenza: a population-based self-controlled case series study, Spain 2011-2018	C. Muñoz-Quiles
	Evaluation and comparison of three case definitions for influenza detection in the same setting and population in the Valencia region of Spain	A. Mira-Iglesias
	Rapid intra-season waning of vaccine effectiveness against influenza A(H3N2) underlines the need for more durable protection	A. Domnich
	Consumer preferences for features of influenza vaccines in the United Kingdom: results from a discrete-choice experiment study	D. Metha
	General population and healthcare professionals' level of knowledge of the burden and prevention of respiratory syncytial virus and other respiratory infections in France	J. Puel
	A generic, saliva-based PCR test for the detection of RSV offers a low-burden approach for sustainable surveillance of RSV	A. Wyllie
	A nationwide retrospective cohort study to assess the relative vaccine effectiveness of high-dose compared to standard dose influenza vaccines in France during the 2021-2022 season: results of a complementary analysis of DRIVEN study	H. Bricout
	Comparison of efficacy and safety between baloxavir marboxil and oseltamivir in outpatients with uncomplicated influenza: a real-world study of more than 1,500 patients	Y. Luo
	Clinical characteristics, complications, and predictors of serious outcomes among adult outpatients with respiratory syncytial virus infection	J. Deeter
	The relative vaccine effectiveness of high-dose vs standard-dose influenza vaccines in preventing hospitalization and mortality: a meta-analysis of evidence from randomized trials	K.-G. Skaarup
	Clinical assessment of a fully automated RT-PCR assay for the qualitative detection of parainfluenza virus 1,3 and 2/4 in human nasal/throat swabs under IVDR	J. Köffer
	Evaluation of the clinical performance of a fully automated RT-PCR assay for the qualitative detection of RSV and hMPV in human nasal/throat swabs and bronchoalveolar lavage under IVDR	U. Eigner
	Higher waist circumference was associated with reduced cellular immune response to influenza vaccine: findings from the DYNAMIC cohort study of older adults in Singapore	S.-P. Sadarangani
	Relative effectiveness of an adjuvanted influenza vaccine vs non-adjuvanted influenza vaccines in high-risk older adults during the 2019-2020 U.S. influenza season	M.-D.-M. Haag
	A behaviour change techniques analysis, systematic review meta-analysis and meta-regression of communication-mediated interventions supporting influenza vaccination uptake in adults in primary care settings	B. Qureshi
	Cost-effectiveness of protective equipment stockpiles for reducing essential worker absenteeism in a pandemic: a modelling study	N.-X. Montazeri
	Increased 90 days mortality associated with RSV compared to influenza among adults in Denmark	T. Benfield
	Galectin-3 regulates viral pathogenesis and inflammation in H5N1 and H7N9 avian influenza virus infections	Z.-S. Yang
	Isolation of monoclonal antibodies against human parainfluenza virus type 3 strains	F.-Y. Wong
	Quantitative analysis of FluNet surveillance data: has B Yamagata really gone extinct?	L. Coudeville
	Comparison of three commercial nucleic amplification tests for influenza A testing in a symptomatic patient population	S. Kodsi
	RSV circulation in the SARS-Cov-2 pandemic era in the north of Spain (Asturias)	M.-E. Alvarez-Argüelles
	Influenza A and B viral loads are higher in nasopharyngeal swabs compared to mid-turbinate swabs	S. Wildum
	Estimating the health and economic burden of pneumococcal diseases attributable to V116 vs PCV20 serotypes among adults in Spain	M. Simuzingili
	Respiratory syncytial virus as single detection is associated with younger age and worse clinical outcomes	A. Creus-Costa
	Next-generation mRNA-based seasonal influenza vaccines including additional A/H3N2 strains: Phase 1/2 trial findings in adults aged 50-75 years	D. Hsu
	Respiratory syncytial virus incidence trends during omicron COVID pandemic in older adults: a community-based prospective study	W. Bosch
	The utility of multiplex real-time PCR screening for viral respiratory infections	R. Amrani-Souhli
	A comparative study of the incidence, risk factors and outcome of hospitalised adults with RSV vs influenza A infection	A. Adler
	Tracking seasonal influenza trends in South Tyrol during season 2022-2023	I. Bianconi
	Enterovirus landscape in Barcelona: A virological surveillance journey through the 2020-2023 seasons in the shadow of the COVID-19 pandemics	C. Andrés
	Seasonal trends in sentinel surveillance: a seven-year retrospective analysis from the Aegean region, Turkiye (2016-2023)	Ö. Türkmen Recen
	Unraveling the genetic, antigenic, and antiviral landscape of influenza viruses circulating in Catalonia (Spain) during the 2022-2023 season	C. Andrés

	Identification of granzymes as crucial regulators and potential targets of influenza-associated immunopathology and superinfections	M. Garzón-Tituaña
	Severe manifestations of parainfluenza type 4 infections in children	K. Kuruma
	Decoding severity: the GHSN SevScale for hospitalised ARI cases	B. Boudewijns
	Assessing the cost-effectiveness and public health impact of the adjuvanted respiratory syncytial virus prefusion F (RSVPreF3) vaccine in Canadian older adults	G. Sydney
	Do pregnant women get the flu shot? A view over Greece	P.-G. Maltezos
	Mapping the trends of non-SARS-CoV-2 respiratory viruses: a 2016–2023 analysis in a Rome hospital microbiology laboratory	R. Santangelo
	Digitally facilitated access to information on influenza complications and its prevention: a multicentric study	N.-L. Khanafer
	Estimation of RSV-attributable mortality in adults in Italy between 2015 and 2019	G.-P. Innocenti
	Modelling the health and economics benefits of a rapid vaccine intervention in an influenza pandemic in the United Kingdom	R. Longstaff
	Changes in influenzavirus-A/B and human respiratory syncytial virus seasonality and activity during the COVID-19 pandemic in Switzerland	K. Leuzinger
	Estimated impact of delayed influenza vaccine strain selection on vaccine effectiveness: a descriptive and modeling study	O. Jollivet
	Nosocomial acquisition, a zoom on respiratory viruses (NAZARE): A laboratory-based surveillance study to explore epidemiology and risk factors	Q. Le Hingrat
	Impact of community pharmacy vaccination services on vaccination coverage of immunocompromised patients against respiratory tract infections	D.-J. Thirion
	Estimating the health and economic burden of pneumococcal diseases attributable to V116 vs PCV20 serotypes among adults in Switzerland	M. Simuzingili
	Molecular epidemiology of rhinovirus: genotypes detected during and after the COVID-19 pandemic	W.-F. Chaparro-Pico
	Setting the bar for new generation influenza vaccine reactogenicity: expected clinical and cost tradeoffs compared to standard-of-care vaccines	J. Bartelt-Hofer
	Validation of a genome sequencing protocol for influenza B viruses	A. Presbitero
	Diversification of the ON1 genotype of HVR5-A on the coast of Peru during 2009-2020	W. Silva-Caso
	The clinical and economic value of MF59-adjuvanted quadrivalent influenza vaccination in the elderly in Argentina	J. Montes
	Hospital and community epidemiology of SARS-CoV-2, influenza and RSV during 2022/2023 season in Auvergne-Rhône-Alpes, France: a comparative analysis	B. Visseaux
	Economic burden of respiratory syncytial virus (RSV) and unspecified lower respiratory tract infection (UBP) during RSV season in adults in Germany (2015-2018): a health claims analysis	C. Beese
	Subtyping and whole-genome sequencing of influenza A/B viruses using pan-subtype primers, widely-used library prep reagents, and cloud-based data analysis	R. Schlaberg
	Impact of COVID-19 pandemic on influenza vaccination rates among healthcare personnel at a tertiary-care centre in Lebanon	E. Azar
	Molecular investigation of seasonal viral respiratory outbreaks	J. O'Neill
	Respiratory syncytial virus burden in older adults (>= 60 years): a two-year Italian multicentre study in the late COVID-19 pandemic and early post-pandemic period	F. Novazzi
	Serological investigation of RSV antibody responses in UK healthcare workers (SIREN study)	A. Otter
	Co-circulation of influenza, SARS-CoV-2 and RSV (tripledemic) among severe acute respiratory infection cases in the Philippines, 2022-2023	V.-L. Arguelles
	Self-collected saliva demonstrates utility for influenza surveillance by extraction-free PCR	J. Williamson
	Overview of adenovirus respiratory infections: preliminary findings of a multicentre study in Italy, 2022-2023	F. Giardina
	Modelling the impact on carbon emissions of using a high dose influenza vaccine instead of standard dose among 65 years and older adults in France	H. Bricout
	Comparison of burden of respiratory syncytial virus hospitalisation in paediatric population during two consecutive seasons 2021-2023	C. Veintimilla
	Early assessment of viral respiratory epidemics for the 2023/2024 season based on community laboratory surveillance network in France	B. Visseaux
	A novel multiplex, quantitative immunoassay for anti-influenza IgG demonstrates individual variability in binding specificity targeting antigenically distinct haemagglutinin proteins	D. Dsouza
	Influenza like-illness surveillance using a Belgian sentinel network of nursing homes: results of October 2022 onwards	K. Mertens
	Understanding antibody cross-reactivity between seasonal Influenza and H5N1 as a method to conduct H5N1-specific serosurveillance	A. Otter
	Serological responses to a boosted tetravalent influenza vaccine regimen in multiple myeloma patients: evaluating the impact of daratumumab treatment.	S. Gressens
	Changing pattern of respiratory virus detection among severe acute respiratory syndrome corona virus: two symptomatic patients in the central province of Sri Lanka	S. Arunasalam
	Investigating innovative system methods for the diagnosis of respiratory viruses for rapid clinical diagnosis	G. Akkus Kayali
	Impact of hospitalisations due to respiratory syncytial virus in a highly complex public paediatric hospital in Brazil, between January 2021 and May 2023	M. Otsuka

Tasmania's COVID mitigation strategies provide insights into respiratory syncytial virus evolution	C.-T. Atkinson
Trends and severity of parainfluenza virus infections over the past decade	M.-E. Alvarez-Argüelles
Further characterisation of vaccine efficacy in infants from a Phase 3 RCT of a bivalent prefusion F RSV vaccine administered during pregnancy	E. Shittu
Impacts on respiratory viruses among hospitalised children with respiratory diseases after lifting COVID-19 restrictions	Y. Murata
Pre-immunisation landscape of human respiratory syncytial virus: genomic insights from Catalonia's SIVIC programme in the era of neutralising monoclonal antibody deployment	M. Piñana
Neutralising monoclonal antibodies raised against highly conserved influenza hemagglutinin, neuraminidase, and matrix epitopes may offer novel cocktail therapeutic strategies	C. Sei
Oxford Nanopore Sequencing revolutionizes Influenza surveillance in resource-limited settings	D. Biswas
Impact of influenza-related hospitalisation in Spain: characteristics and risk factor of mortality during five influenza seasons (2016 to 2021)	J.-M. Ramos
CD388, a drug-Fc conjugate, shows long half-life in early clinical studies	J. Villacian
Using nanopore amplicon sequencing data for rapid analysis of influenza type A	O. Aspelin
Verification of the Savanna respiratory viral panel-4 as a rapid screening tool for respiratory viral infections	M. Reynders
What was the burden of winter pressures on the UK SIREN healthcare worker cohort winter 2022-23?	V. Hall
Forecasting the epidemiological trends of pediatric acute respiratory infections at the community level using time series predictive models: an Italian scenario	C. Di Chiara
Evaluation of the performance of the Hologic Panther fusion 4 plex-assay	R. Ehret
RSV viral load and co-infection in a very large cohort of pediatric patients, which role in the disease severity?	R. Scutari
Differences in influenza vaccination among healthcare workers: impact of work task, area of membership and gender	V. Paolozzi

12:00 - 13:30

Poster Area

1d. Herpesviruses (incl diagnostics & epidemiology, antiviral drugs, treatment & susceptibility/resistance, excl clinical studies in immunocompromised hosts)

Age-sex patterns of human herpesvirus infection seroprevalences among hospitalised patients in Paris area, France, 2016 to 2022	O. Supplisson
Cytomegalovirus reactivation in critically ill mechanically ventilated patients	A. Garg
Validation of a herpes zoster conceptual model on quality of life in East Asia	C. Ng
Clinical relevance of human herpesvirus-7 DNA detection in a tertiary care setting over a 13-year period	A. Bargetzi
Varicella-zoster virus circulating clades in a French tertiary referral centre, Paris, France, 2018-2023	D. Boutolleau
Oedema volume on admission may predict poor outcome in HSV-encephalitis, varies in reliability across aetiologies and lower oedema volumes	Y. Aly
Potential relationship between cytomegalovirus and immunosenescence: evidence from observational studies	J. Diaz-Decaro
Incidence and risk factors for varicella-zoster virus central nervous system infections	T. Tyrberg
The association between acyclovir-related neurotoxicity and its concentration	C.-C. Chen
Ganciclovir/valganciclovir therapy in congenital CMV infection: 24-year experience of a tertiary care children hospital in northern Italy	E. Ricci
CMV plasma reactivation predicts CMV organ disease in patients with moderate to severe ulcerative colitis needing hospitalisation	M. Rinaldi
Immune response to human herpes virus in SARS-CoV-2 mild infection	S. Vita
Review of laboratory testing and processing protocols for varicella zoster virus in a north London hospital	C.-J. O'connor
Trends in hospitalisations related to herpes zoster in Denmark from 1998 to 2021	M.-F. Eiberg
CMV infection in pregnancy: a 5-years clinical experience of the regional reference center for infections in pregnancy in a low-birth Italian region	C. Saffioti
Management of CMV primary infection in pregnancy and neonatal outcome in the era of valganciclovir treatment: a monocentric prospective study	C. Saffioti
Comparison of two IVDR molecular diagnostic assays for the detection of HSV-1, HSV-2 and VZV in lesions and ulcers.	M. Lister
Cytomegalovirus infection in patients hospitalised in intensive care	Z. Benezzine
Herpetic gingivostomatitis caused by human herpesvirus type 7: a new entity?	A. Estévez
The role of Epstein-Barr virus in children with post-acute sequelae of SARS-CoV-2 infection in Taiwan	Y.-L. Hsu

	Development and clinical validation of extraction-free loop-mediated isothermal amplification assays for rapid detection and subtyping of herpes simplex virus	M. Andersson
	Antigen-specific immunoassays improve the serological staging of cytomegalovirus infection	D. Springer
12:00 - 13:30		Poster Area
1e. Emerging/re-emerging, vector-borne and zoonotic viral diseases (other than COVID)		
	sST2 is a potential biomarker for early prognostication of severe dengue	P.-Y. Chia
	Steroid pulse therapy for severe fever with thrombocytopenia syndrome patients may not improve prognosis: retrospective analysis with overlap weighting using a national inpatient database	S. Kutsuna
	Development of a clinical scoring system to make a presumptive diagnosis of Kyasanur Forest disease: a case-control study from South India	N. Gupta
	Autochthonous dengue outbreak in Lombardy region, Italy, 2023: results of a seroprevalence study	I. Cassaniti
	Effect of montelukast in preventing dengue with warning signs among patients with dengue: a multicentre, randomised, double-blind, placebo-controlled trial	N. Nitinai
	Exploratory analysis of the knowledge, attitudes and perceptions of healthcare workers about arboviruses in the context of surveillance in the Republic of Guinea	S.-T. Bangoura
	NS1-based IgG FcγR Enzyme-Linked Immunosorbent Assays allow serological differential diagnosis of dengue and zika virus infections in both returning travellers and individuals from endemic regions	C. Deschermeier
	NanoHarmony: unleashing silver's whisper in swift Zika detection	M. Gangwar
	Factors associated with mpox vaccination willingness and uptake among men who have sex with men	S.-S. Lee
	Intensified surveillance for tick-borne encephalitis to identify possible places of infection in Bavaria, Germany, May–October 2023	J. Metz
	Lassa virus: unravelling the within-host evolutionary dynamics of acute and persistent infections and the virulence evolution among hosts	L. Kafetzopoulou
	Correlation between the cycle threshold values of medium- and small-segment severe fever with thrombocytopenia syndrome virus and viral load: prognostic implications	L. Seunghee
	Do infectious diseases specialists and neurologists manage patients with tick-borne encephalitis differently?	D. Stupica
	A 'living' rapid research needs appraisal platform for WHO priority diseases: henipavirus evidence-gaps	L. Sigfrid
	Spatio-temporal distribution of Crimean-Congo hemorrhagic fever and the effect of climate factors and Eid ul Adha in Pakistan: a decade-long experience from tertiary care laboratory network	M.-A. Abid
	Laboratory results of mpox suspected cases tested by differential diagnostic panel during the mpox outbreak in Hungary in 2022/2023	D. Déri
	Exploring mpox genome variations amidst the 2022 outbreak	M. Deiana
	First detection of the zoonotic rat hepatitis E virus in pigs	M. Casares Jiménez
	Clinical importance of Alongshan virus, a new tick-borne <i>Flaviviridae</i> virus: a retrospective serological and molecular study	F. Tagini
	Assessing the synergistic insecticidal activity of <i>Syzygium aromaticum</i> and <i>Citrus aurantifolia</i> leaf extract combination against <i>Aedes</i> vectors	M. Galappaththi
	Orthopoxvirus differential diagnosis by neutralising antibodies in mpox patients and vaccinated individuals	C. Castilletti
	MCP-3 as a prognostic biomarker for severe fever with thrombocytopenia syndrome: a longitudinal cytokine profile Study	Z. Liu
	Prospective evaluation of serum cytokines and musculoskeletal ultrasound as surrogate markers for chronic post-chikungunya rheumatism	H. Watson
	A question from an endemic area: which diseases are included in the differential diagnosis with CCHF?	E. Eryilmaz-Eren
	Increased likelihood of leukopenia, thrombocytopenia, and other characteristics in Crimean-Congo haemorrhagic fever patients: a systematic review and analysis of clinical factors that indicate infection	J. Alberts
	Dengue vaccine: a risk model to prioritise and maximize the impact of a dengue vaccination program in Peru	A. Quispe
	Mayaro virus and chikungunya virus IgM and IgG testing in parallel improves diagnosis of acute mayaro virus infections	F. Lindhorst
	Epidemiology trends of infections and outbreaks of Crimean-Congo hemorrhagic fever worldwide, 2017-2023.	L. Zweers
	Strengthening preparedness to arbovirus infections in Europe: a prospective, observational study in southeast Europe	X.-H. Chan
	Expression of galectin-3 ameliorates zika virus infection	J.-Y. Huang

Assessing the endemicity of Japanese encephalitis in central India: a comprehensive study of human and animals in Madhya Pradesh	R.-K. Nema
A meta-analysis and mapping of global mpox infection among children and adolescents	T.-K. Suvvari
Clinical presentation and viral shedding in patients with mpox in South Korea	M.-K. Kim
Clinical-laboratory features and predictive factors for sequelae of tick-borne encephalitis virus infection: a retrospective observational study	N. Barp
Tick of the iceberg: using a One Health approach to assess and respond to the threat of tick-borne encephalitis in England	B. Hack
Relation of WNV seroprevalence with ABO and D blood groups among blood donors: implication for transfusion safety	R. Ayari
Clinical and microbiological study of bacterial or fungal co-infections in severe fever with thrombocytopenia syndrome	H. Tanaka
Enhancing clinical diagnosis of dengue: performance evaluation of NS1 antigen and IgG/IgM antibody tests	K.-T. Choi
Mpox in Colombia: an analysis of the 4,114 PCR confirmed cases in June 2022-November 2023	A.-J. Rodriguez-Morales
Co-detection of RNA and DNA viruses in a single library prep and enrichment workflow	R. Schlaberg
Results from a large-scale dengue diagnostic accuracy systematic review and meta-analysis: NS1 ELISA performs similarly to RT-PCR	E. Sugrue
TBE vaccination: insights from a KAB survey among Lyme borreliosis cases in Bavaria, Germany, 2019	S. Böhm
Children hospitalised with Crimean-Congo haemorrhagic fever in Turkiye have different clinical and diagnostic features and lower mortality than adults, implying that diagnostic criteria and illness severity scoring systems need adaptation for use in children	I. Bozkurt
Elevated plasma level of IP-10 /CXCL10 is correlated with severity of human West Nile virus (WNV) infection	G. Rossini
Effect of severe fever with thrombocytopenia syndrome virus genotype on disease severity, viral load, and cytokines in South Korea	J.-S. Kwon
Clinical findings and IL-6 levels in patients with dengue	A. Goel
Arthropod-borne zoonosis in Cáiz, south of Spain: serological prevalence in a high-risk group	N. Montiel-Quezel-Guerraz
Development and validation of the PLNA score to predict cytokine storm in patients with acute phase of SFTS: a single-center cohort study	Z. Liu
Hybrid capture-based next-generation sequencing: implementation for Lassa virus for the recovery of in-depth viral genomic data	I. Boonen
Development of a multiplexed serological mpox assay for diagnostics, serosurveillance, and immunology studies	S. Jones
Genotypic diversity and molecular characterisation of DENV-2 in endemic areas of Peru during 2016-2021	W. Silva-Caso
The clinical characteristics of human mpox disease before and after the 2022 outbreak: any difference? a metaanalysis study	P. Jamshidi
Early identification of complex biomarker signatures predicting plasma leakage in dengue patients	S. Moallemi
Genetic characteristics of aigai virus: a recently reclassified orthonairovirus	A. Papa-Konidari
Knowledge, risk perception and attitudes about mpox and the implementation of preventive measures in people belonging to the LGBTBIQ+ community in Colombia	C.-.-R. Diaz Brochero
Adjuvanted unconjugated highly conserved multi-epitope influenza peptide vaccine induced broadly reactive antibodies to multiple influenza viruses in pigs	K.-A. Kroscher
Investigating the pathogenesis of Middle East respiratory syndrome coronavirus infection using a quantitative phosphoproteomics approach	J. Chan
Evaluation of viral load and neutralising antibody levels in Crimean-Congo hemorrhagic fever patients	M.-A. Kuskucu
Nanopore sequencing of RdRp gene used as a genetic marker for characterization of coronaviruses in clinical samples	I. Sarmiento Guàrdia
Mpox experience at a tertiary infectious diseases centre in a tropical country between 2022-2023	L.-A.-B. Gadelha Farias
Combining phylogeographic and niche modelling approaches to investigate the ecological drivers of TBEV at the Palearctic scale	M.-F. Vincenti Gonzalez
Chikungunya in Colombia, 2022: An analysis of the cases notified to the National Surveillance System in the midst of South American reemergence	A.-J. Rodriguez-Morales
Dengue epidemics in Colombia, 2023: an analysis of the cases notified to the national surveillance system	A.-J. Rodriguez-Morales
Minor clinical sequelae and absence of viral persistence: an 8-month follow-up study of former mpox patients	N. Berens-Riha
Sero-catalytic and spatial modeling of dengue force-of-infection from age-stratified seroprevalence data in Timor-Leste	P. Arkell

12:00 - 13:30

Poster Area

1f. Diagnostic virology (other than respiratory viruses,

herpesviruses, hepatitis & HIV)	
Evaluation of clinical applicability for a novel ultrasensitive ELISA detection of dengue virus	P.-K. Chen
Performance analysis of a commercial meningitis/encephalitis panel compared to other microbiological tests and clinical diagnosis at discharge: a retrospective observational study of 1000 consecutive patients	G. Özkaya Sahin
Consistent differences in analytical and clinical performance for detection of SARS-CoV-2, influenza A/B and RSV between point-of-care tests	C.-B. Jensen
Biomarkers and genotypes in patients with central nervous system infection caused by enterovirus	K. Alsén
Concurrent assessment of three viral RNA pathogens in MK buffered solution using droplet digital PCR: performance comparison for diagnostic based detection	D. Brazeau
Validation of a new molecular assay for the quantification of Epstein-Barr virus load in EDTA-plasma	I. Cortés Portero
A comparison of four molecular assays for the detection of mpox virus DNA	H. Alonso
Comparison between conventional primary HPV cervical screening vs by vaginal self-sampling in France	B. Visseaux
JC virus VP1 gene: a more accurate detection and quantification of viral DNA	A. García-Murillo
Performance evaluation test on rapid polymerase chain reaction test for mpox without nucleic acid extraction	K. Yamamoto
Verification of a new molecular point of care system for respiratory viruses for its use with two widely used transportation media	J. Becker
Enhancing pathogen detection in viral respiratory tract infections among individuals aged >55 years through expanded PCR panel testing	L. Leech
Comparison of three assays for the detection of human papillomavirus and their correlation with cervical cytology	B. Vanmassenhove
Validation of a multiplex qRT-PCR assay for RSV, influenza A/B and SARS-CoV-2	A. Bulgurcu
Clinical performance evaluation of a real-time PCR-based test for the detection of high-risk HPV genotypes	J. Feenstra
Establishing EBV load thresholds for predicting persisting EBV-DNAemia and associated disease	S. Schmid
Multicenter evaluation of the Standard M10 Influenza, RSV and SARS-CoV-2 assay in nasopharyngeal swabs in liquid Amies medium	D. Obbels
Comparison of Allplex HPV28 and Anyplex II HPV28 Assays for the detection and genotyping of human papillomavirus	K. Leuzinger
Urine-based HPV-DNA screening for cervical cancer prevention in a rural health clinic in Eswatini	S. Villa
A lateral flow test for rapid identification of paediatric viral infection based on host response mRNA transcripts	R. Reid
Performance evaluation of the comercial BK virus ASR on the NeuMoDx system	A. Lima
Clinical evaluation of an adenoviral species-typing model using PCR melt-curve data	B. Galvin
Molecular epidemiology of measles virus from measles outbreak in the Philippines, 2023	L. Reyes
New approaches in laboratory surveillance in the face of polio threat for public health, Romania 2023	R. Gatej
Implementation of the allplex high risk HPV genotyping assay in a routine clinical lab	D. Obbels
Utilising digitally characterised control material to improve comparability of molecular workflows for viral gastroenteritis	E. Mckloud
Validation of commercial real-time PCR kit for detection of mpox	M. Pond
Diagnostic performance of five real-time PCR assays for mpox virus detection	A. Peiro-Mestres
Urine and vaginal high-risk human papilloma virus (hrHPV) self-sampling among HIV-positive women in Guinea-Bissau is well-accepted: three in four women are HPV-positive	K.-L. Madsen
Evaluating and expanding measles serological assays: toward an improved diagnostic tool	R. Sturm
Cerebrospinal fluid and plasma biomarkers in patients with central nervous system infections: a retrospective study	M.-A. Zingaropoli
Acute viral gastro-enteritis in infants and toddlers, from the big three to the big five?	J. Van Acker
Identification of adeno-associated virus type 2 viremia in a large cohort from Berlin, Germany	T.-D. Best
12:00 - 13:30	
Poster Area	
1g. Viral epidemiology – general, prevalence studies, molecular and genomic epidemiology (other than respiratory viruses, herpesviruses, hepatitis & HIV)	
Viral and inflammatory markers in sudden death caused by myocarditis: a retrospective bicentric	D. Callon

study	
HPV genotypes distribution in urethral samples in French men	S. Haim-Boukoba
Molecular epidemiology of Coxsackie A6 strains circulating in Hungary between 2020-2023	N. Deézsi-Magyar
Epidemiological study of high-risk human papillomavirus before the advent of primary molecular screening in Occitania, France	M. Bernier
Cutavirus prevalence in malignant and non-malignant tissues	I.-M. Assimakopoulou
National diagnostics case series and One Health phylogenetic analysis of Murray valley encephalitis outbreak in Australia	H.-J. Annaleise
Molecular epidemiology of human papillomavirus in a lower-middle-income and cervical cancer high-burden country	C. Fappani
Patterns of enterovirus infections in hospitalisations and outpatient visits in Denmark 2015-2022	C.-K. Johannesen
Detection of different viruses of clinical importance in bone marrow	M.-E. Alvarez-Argüelles
Norovirus genotype distribution among children with acute gastroenteritis in South-East Austria	E. Stelzl
First results of laboratory surveillance for enteroviruses in Italy (2022-2023)	L. Pellegrinelli
Comprehensive genotyping supports the epidemiological investigation of Austrian measles virus outbreaks in 2023	M.-J. Cardoso
Rotavirus A epidemiology shifts due to pandemic: 14-year experience of Belgian National Reference Center in the COVID-19 context	M. Karatas
Circulation of respiratory viruses in hospitalised children in the post-COVID-19 era	A. Kassomenaki
Negative conversion and recurrence rate of high risk human papillomavirus in cervical infection	K. Lee
Rotavirus clinical and genomic surveillance reveals predominance of equine-like G3 strains, antigenic mismatches with vaccines, NSP2-reassortants and multiple vaccine breakthrough cases, 2021-2023, Madrid, Spain	R. Sanchez Leon
Male human papillomavirus genital infection: a focus on non-vaccine genotypes	M. Buttà
Analysis of human papillomavirus 51 (HPV51) genetic variations detected in women with cervical dysplasia	M. Martinelli
Evaluation of biomarkers associated with human papillomavirus 16 (HPV16) persistent infection	C. Giubbi
Understanding Measles Comeback	B. Simsek
Establishing a 24/7 mpox outbreak helpline: an overlooked source of early epidemiological data?	S. Atabani
Descriptive study of the distribution of human papillomavirus genotypes in a hospital in southern Spain	Y. García Collado
Echovirus 11 reported in emilia-romagna region during 2023	A. Cantiani
Contribution of rotavirus infections to child mortality in the Child health and mortality prevention (CHAMPS) network	I. Mandomando

12:00 - 13:30

Poster Area

1i. Basic and applied virology (incl in vitro and in vivo models, novel methods)

Dengue virus infection elicits galectin-3 expression with inhibitory impact on dengue viral infectivity	S.-F. Wang
Detection of human polyomaviruses in oral samples supports the oral transmission route	M. Dolci
Identification of viral inhibitors: evaluating Himalayan herbs as alternatives for dengue treatment	G. Badoni

12:00 - 13:30

Poster Area

1j. COVID-19 (incl virology, epidemiology, evolution, immune response, diagnosis, treatment, vaccination, prevention, response and societal impact)

Recently published randomised controlled trials investigating treatments against COVID-19 displayed lower risk of bias: a systematic review and critical appraisal	K. Kudhail
Real-world safety and effectiveness of molnupiravir during the Omicron wave: a final report of a post-marketing surveillance in Japan	K. Masahiro
Drug interactions with nirmatrelvir/ritonavir in hospitalised patients: prevalence, severity and management strategies	S. Swaid
Influence of cytokine levels on the effect of tocilizumab on mortality or ICU admission in COVID-19 pneumonia	G. Hernández-García
Long COVID looks like other post-viral syndromes 12 months after infection	M. Brown
Cross-sectional surveillance study of long COVID in Toyonaka city, Osaka Prefecture, Japan	S. Kutsuna

	The impact of the COVID-19 pandemic on adult vaccination, with emphasis on influenza and pneumococcal vaccination in India: a comprehensive report	S. Dorairajan
	Healthcare workers' attitude toward COVID-19 vaccination campaign in Armenia	G. Ohan
	The predictors of COVID-19 immunogenicity elicited by vaccines against SARS-CoV-2 in bone marrow transplant recipients	O.-R. Sipahi
	Improved SARS-CoV-2 molecular detection in European expert public health laboratories: results of the third external quality assessment, 2023	K. Stanoeva
	A multinational case series describing successful treatment of persistent SARS-CoV-2 infection with prolonged courses of nirmatrelvir/ritonavir	L.-B. Snell
	Normalisation of eosinophil count is predictive of reduced oxygen requirement during COVID-19 infection	B. Davido
	Humoral anti-SARS-CoV-2 response in patients with different long COVID phenotypes	P. Rzymiski
	Influence of anti-spike protein antibody levels on tocilizumab efficacy in hospitalised patients with severe COVID-19 pneumonia: a <i>post-hoc</i> analysis of the COVACTA trial	P. Guisado-Vasco
	Unraveling the past: analysing the effects of COVID-19 on hematological malignancy patients - observations from 2020 to 2022	J. Salmanton-Garcia
	Circulating antibody titres predict infection and severity in COVID-19 close contacts	J. Byrne
	First serological study of MERS-CoV on dromedary camels from Algeria	M. Khames
	Cost-effectiveness of oral nirmatrelvir/ritonavir in patients at high risk for progression to severe COVID-19 in the United States	T. Mugwagwa
	Enhancing respiratory disease diagnosis: a comparative analysis of multiplex point-of-care PCR and antigen testing for SARS-CoV-2, influenza, and respiratory syncytial virus in Germany	J. Chase
	Antibody responses against recently emerged SARS-CoV-2 variants: a population-based cohort study	A.-J.-H. De Rooij
	For COVID vaccination choices in Germany or the United Kingdom, efficacy ranks first followed by common side effects	M. Rousculp
	Comparison of characteristics between patients who received COVID-19 non-mRNA and mRNA vaccines in Germany	L. Kutikova
	Systematic review and meta-regression analysis of clinical therapeutic responses and viral clearance in early symptomatic COVID-19	S. Singh
	Prognostic of COVID-19 in ICU-admitted COPD patients: the impact of high-flow nasal cannulas and other factors	L. Fernández-Barat
	Robust immune response to COVID-19 vaccination in Greenlanders: an observational study in an island population	M. Møller
	To die with or to die for COVID-19 infection during the Omicron era	M. Bongiovanni
	Recurrent ventilator-associated pneumonia in severe COVID-19 ARDS patients requiring ECMO support	C.-E. Luyt
	Protective effect of previous omicron BA.2 infection and fourth dose vaccination on SARS-CoV-2 XBB infection	N.-N.-Y. Tsang
	External validations of prognostic COVID-19 scores: an innovative mass validation using the multi-center ORCHESTRA cohort	K. Appel
	Real-world evidence comparing the risk of Delta and Omicron infection outcomes by SARS-CoV-2 antibody levels	Y. Jin
	Remdesivir reduces mortality in immunocompromised patients hospitalised for COVID-19 across the pandemic and endemic eras	E. Mozaffari
	Efficacy of tofacitinib as add-on therapy to remdesivir and corticosteroids in COVID-19 infection	T. Mahfouz
	Proteomic and cellular characterisation of Omicron breakthrough infections and a third homologous or heterogenous boosting vaccination by a longitudinal cohort	Y. Zhang
	Levels of inflammatory and cardiac biomarkers as a predictor factor for complications and outcomes in hospitalised COVID-19 patients	C. Cilloniz
	Changes in <i>Pneumocystis jirovecii</i> pneumonia (PCP) before and during COVID-19 pandemic	J. Armendariz Gayraud
	SARS-CoV-2 breakthrough infections in healthcare workers of an Italian university hospital: an update three years after the start of the vaccination campaign	L. De Maria
	Cracking the SARS-CoV-2 Omicron variants: unveiling the sensitivity of rapid antigen tests and optimal sampling sites	P. Chiara
	Vaccination shapes within-host SARS-CoV-2 diversity of Omicron BA.2.2 breakthrough infection	Y. Zhang
	<i>In vitro</i> neutralisation of VYD222 against Omicron sublineages	P. Hawn
	Clinical outcomes of COVID-19 vaccine breakthrough infections: a single-centre study	C.-D. Maranan
	Descriptive analysis of self-reported HRQoL using EQ-5D-5L among symptomatic outpatients with COVID-19 in the US during an Omicron predominant period	A. Cha-Silva
	Clinical presentation of COVID-19 among healthcare workers across the early COVID-19 pandemic, Peru	D. Ponce
	Sentinel cohort safety of AZD5156/AZD3152 from the phase 1/3 SUPERNOVA trial for COVID-19 prevention in participants with immune impairment	T.-S. Cohen
	Developing a model for decision-making around antibiotic prescribing for patients with COVID-19 pneumonia in acute NHS hospitals during the first wave of the COVID-19 pandemic: qualitative results from the procacitonin evaluation of antibiotic use in COVID-19 hospitalised patients (PEACH Study)	J. Euden

	Descriptive epidemiology of adverse events following mRNA COVID-19 vaccination in Curacao	J. Lambo
	Assessing transmission of SARS-CoV-2 via the aerosol and contact routes using a direct human totransgenic K18-hACE2 mouse model	J. Conly
	Antimicrobial resistance before, during, and after the COVID-19 pandemic, 120 U.S. Hospitals	Y. Christina
	Retrospective study of baseline co-medication potential DDI in COVID-19 hospitalised patients in Spain: the COCOS Study	M. Cotarelo
	The gut microbiota as an early predictor of COVID-19 severity	M. Fabbri
	Procalcitonin evaluation of antibiotic use in COVID-19 hospitalised patients: the PEACH study	E. Thomas-Jones
	Effect of co-formulation on pharmacokinetics of AZD7442, a monoclonal antibody combination against COVID-19	H. Zhang
	COVID-19 pandemic encourages childhood vaccination in Japan: findings from the VENUS study	Y. Asai
	Comparative biodistribution study of baculoviral and adenoviral vector based-vaccines against SARS-CoV-2	H.-J. Lee
	COVID-19 hospitalisations amongst immunocompromised individuals receiving 300 mg AZD7442 (tixagevimab/cilgavimab) pre-exposure prophylaxis: real-world effectiveness data from Israel's largest health maintenance organisation	S. Hayek
	Serum AZD7442 (tixagevimab-cilgavimab) concentrations and in vitro IC ₅₀ values predict SARS-CoV-2 neutralising antibody (nAb) titres	A.-A. Aksyuk
	COVIDRIVE: a European public-private partnership for generating real-world evidence on the effectiveness of COVID-19 vaccines	K. Bollaerts
	High prevalence of immunocompromising conditions among patients with severe acute respiratory infection, including SARS-CoV-2: results from a multicentre, test-negative case-control study	W. Meeraus
	Immunocompromise, cancer and other comorbidities in patients with severe acute respiratory infection testing positive versus negative for SARS-CoV-2: a post hoc analysis of COVIDRIVE data from May 2021 to May 2023	W. Meeraus
	Prospective study on clinical and biochemical parameters in post-COVID fatigue and myalgia	S. Sikdar
	Evaluation of a saliva home collection kit and temperature stability demonstrates the utility of home-collected saliva specimens for laboratory-based COVID-19 diagnostic testing	J. Carstens
	Clinical outcomes and safety of remdesivir use in hospitalised COVID-19 patients with and without severe renal impairment	Y.-T. Lin
	Can a correlate of protection against SARS-CoV-2 infection be established in cancer patients: a statistical modeling perspective	Y. Debie
	Limited effectiveness of adding remdesivir to dexamethasone in COVID-19 pneumonia during the evolution of SARS-CoV-2: a comparative study using a clinical data warehouse	Y. Lee
	Adding hyponatraemia to "rule-of-six"; prediction tool improves performance in identifying hospitalised patients with COVID-19 at risk of adverse clinical outcomes	M.-Y. Sim
	Persisting differences in the immunogenicity of the two COVID-19 primary vaccines series, modulated by booster mRNA vaccination and breakthrough infection	K.-Y. Lee
	Immunogenicity of a single booster dose of Soberana Plus (FINLAY-FR-1A) vaccine in adults with different previous history of COVID-19 vaccination	I. Stoma
	De-mystifying the double danger of COVID-19 and dengue co-infection in India	S. Singla
	Integrated severe acute respiratory infection (SARI) sentinel surveillance of influenza, SARS-CoV-2 and RSV in Serbia	D. Dimitrijevic
	Comparison of clinical characteristics and outcomes in candidemic patients with and without COVID-19: a multicentre, propensity score-matched analysis	S.-U. Shin
	SARS-CoV-2 Spike fusion peptide (FP) mutation P812S unique to the nasal compartment in a 101-day persistent infection shows infectivity reduction and context-dependent neutralisation evasion of vaccinee sera	T.-K.-M. Cheng
	The high expression of PD-1 defines a subpopulation of T follicular helper cell responding to COVID-19 vaccine in humans	J. Guo
	Cell-free DNA as a promising non-invasive marker for predicting critical COVID-19 cases: a pilot study	S. Auguste
	Usage of oral contraceptives among healthcare workers: impact on COVID-19 booster vaccine immunogenicity	M. Krone
	Local and systemic reactogenicity after mRNA and protein-based COVID vaccines compared to meningococcal vaccine (MenACWY) in a UK blinded, randomised phase 2 trial (COV-BOOST)	T. Seth
	Survival impact of comorbidities on the one-year mortality among hospitalised COVID-19 patients in a vaccinated Omicron-infected multicentre cohort	C.-C. Lee
	Bivalent Omicron BA1 vaccine booster increases the breadth and potency of memory-B and T cell response and protects against emerging SARS-CoV-2 variants	L.-B. Shrestha
	Hospital-acquired COVID-19 at The Northern Hospital, 2021-2022, an outcome and costs analysis	G. Drewett
	Increased MP/CP co-infection in COVID-19 positive kidney transplant recipients	Z. Wang
	Risk of severe COVID-19 in SARS-CoV-2 vaccinated individuals with hematologic malignancies: a nationwide cohort study	S. Haggengburg
	Comercial Sars-CoV-2 test: performance evaluation on bronchoaspirates and broncholavages	E. Nicolini
	Risk factors for SARS-CoV-2 infection among healthcare workers in 168 hospitals: a multi-centre study	W. Meixia

	Longitudinal shifts in gut microbiota during mild COVID-19 are linked to post-acute COVID-19 syndrome (PACS)	M. Fabbrini
	A Randomized, Double-Blinded, Cohort Clinical Trial on Evaluating the Safety and Immunogenicity of Sequential Immunization of Two Doses of Omicron Specific Inactivated COVID-19 Vaccines as Boosters in Adults	R. Zhang
	Continued increased risk of COVID-19 hospitalisation and death in immunocompromised individuals despite receipt of ≥4 vaccine doses: updated 2023 results from INFORM, a retrospective health database study in England	S. Dube
	Comparison of COVID-19 vs non-COVID-19 patients without haematological malignancies treated for invasive pulmonary aspergillosis: a 5 years retrospective cohort study	S. Volpi
	Pulmonary function in patients with dyspnea in the post-acute phase of COVID-19	O. Shchudro
	Healthcare resource use and overall costs of COVID-19 during the Omicron-predominant period in immunocompromised individuals: results from INFORM, a retrospective health database study in England	S. Dube
	Tracking SARS-CoV-2 Omicron VOC and sub-variants in Odisha, India November 2021 to May 2023	I. Praharaj
	Prospects for reducing the risk of emergence of SARS-CoV-2 variants from infections in immunocompromised individuals: a modelling approach	L.-J. White
	Optimising a novel treatment strategy for COVID-19-related ARDS: a randomised, placebo-controlled clinical trial on supplementary therapies	M. Mosadegh Marvasti
	Pooled analysis of randomised trials comparing the clinical efficacy of early treatments of COVID-19	F. Mazzaferri
	Duration of viral shedding in immunocompromised patients with SARS-CoV-2 infection	M. Von Rotz
	Clinical characteristics and outcomes of hospitalised patients with SARS-CoV-2 infection in three different epidemic periods, Milan, Italy	M. Zacheo
	A Phase 1, concentration-QTc analysis shows bemnifosbuvir does not alter cardiac repolarisation	X.-J. Zhou
	Sotrovimab in severely ill COVID-19 immunocompromised patients: multicentre retrospective cohort	R. Lobato Cano
	Pharmacokinetics, safety, and tolerability of ensitrelvir, a novel oral inhibitor of 3C-like protease of SARS-CoV-2, in participants with hepatic impairment	T. Katsube
	The mRNA-1273 COVID-19 vaccine induces CD4+ T cell responses among solid organ transplant recipients	B. Girard
	Efficacy and safety of EDP-235 in non-hospitalised adults with mild or moderate COVID-19: results from the phase 2 SPRINT study	S. Rottinghaus
	A decoy strategy of using plant-based virus-like-particles (VLPs) against SARS-CoV-2 Infection	H.-(. Liang
	Bayesian analysis of a randomised trial comparing the clinical efficacy of early treatments of COVID-19	F. Mazzaferri
	Canadian healthcare and education workers' hesitance to receive original and bivalent COVID-19 vaccines	B.-L. Coleman
	Viral, immunologic, and laboratory evaluations in patients with and without post-acute sequelae of SARS-CoV-2 infection (PASC)	S.-H. Ra
	Fingerstick blood shows excellent correlation with plasma for SARS-CoV-2 antibody detection with a novel multiplex immunoassay	D. George
	Hamster model to evaluate post-COVID-19 condition treated with ensitrelvir: smell disorder	R. Tashima
	Bivalent COVID-19 vaccination enhances neutralising antibody responses against Omicron subvariants up to nine months, except for EG.5	H. Hyun
	Detection and surveillance of SARS-CoV-2 genomic variants in Georgia	N. Mitaishvili
	SARS-CoV-2 vaccination is not associated with involuntary childlessness - results of a prospective multicentre cohort	T.-K. Dörr
	Safety and immunogenicity of the investigational CV0501 mRNA COVID-19 vaccine administered to adults ≥18 years of age	N. Vanhoutte
	Post-acute symptoms of COVID-19 in healthcare workers: temporal course, impact on daily life, and therapeutic measures	T.-K. Dörr
	Characteristics and outcomes of old and oldest-old hospitalised patients with COVID-19 during the late phase of the pandemic in central Taiwan	P.-R. Hsueh
	Reduction of post-acute COVID-19 sequelae after SARS-CoV-2 wild-type infection in healthcare workers over a 30-month period	T.-K. Dörr
	Long-term cardiovascular, cerebrovascular, and thrombotic complications after SARS-CoV-2 Omicron vs Delta infection: a retrospective cohort study	L.-E.-I. Wee
	Wastewater monitoring as an early warning system for SARS-CoV-2 variants: a comparison of clinical and wastewater samples in Hesse, Germany, Sep 2021-Dec 2022	S. Saeed
	Rapid recovery from SARS-CoV-2 infection among immunocompromised children despite limited neutralising antibody response: a virologic and sero-immunologic analysis of a single-centre cohort	J.-Y. Baek
	Long-term risk of death and cardiovascular events following COVID-19 vaccination or positive SARS-CoV-2 test amongst adult Singaporeans during Omicron	D.-C. Lye
	Development of a high-sensitivity fluorescence <i>in situ</i> hybridisation method for detecting SARS-CoV-2	A. Krawczyk
	Recent COVID-19 is associated with reduced cytokine response to LPS <i>ex vivo</i> and <i>in vivo</i>	A. Jorda

	Performance of a novel dual marker RT-qPCR-based whole-blood assay for the detection of SARS-CoV-2-reactive T cells	F.-M. Kanis
	Seroepidemiology of SARS-CoV-2 in a cohort of pregnant women in Kampala, Uganda	L. Hookham
	Long-term neuropsychiatric sequelae of Delta versus Omicron SARS-CoV-2 infection	C.-J. Chiew
	Evidence of exposure to the SARS-CoV-2 virus in UK healthcare workers who reported no known COVID-19 infection	Y. Tayipto
	Live single-cycle SARS-CoV-2 vaccine elicits high protection and sterilising immunity	D. Hauser
	Real-world performance of a single-use, analyser-free, molecular point-of-care test for COVID-19 used in the emergency department: results of a prospective trial (ED-POC)	M.-E. Chapman
	Investigating factors associated with the economic cost of healthcare worker COVID-19-related absenteeism	L. Townsend
	Development and characterisation of a novel SARS-CoV-2 macrodomain (Mac1) targeting inhibitor	S. Pfefferle
	Long-term trajectories of COVID-19 symptoms and their associations with quality of life: results from the 2-year-follow-up of the prospective Predi-COVID study	A. Fischer
	Clinical trajectory of post COVID-19 condition during different SARS-CoV-2 variant periods	P. Hedberg
	Surfaces environmental monitoring of SARS-CoV-2: loop mediated isothermal AMPlification (LAMP) and droplet digital PCR (ddPCR) in comparison with standard real time PCR (RT-PCR)	S. Spiteri
	Impact of treatment of COVID-19 with sotrovimab on post-acute COVID-19 syndrome: an analysis of national COVID cohort collaborative (N3C) data	J. Han
	Quasi-species prevalence and evolution of mutations in SARS-CoV-2 variants in European COVID-19 cohorts	M. Smet
	A retrospective propensity-score-matched cohort study of the impact of procalcitonin testing on antibiotic use in hospitalised patients during the first wave of COVID-19 (PEACH study)	J. Sandoe
	A longitudinal description of the health-related quality of life among high-risk individuals with COVID-19: a Dutch multicentre observational cohort study	M. Vergouwe
	Early initiation of combined therapy in severely immunocompromised patients with COVID-19: A retrospective cohort study	S. Rotundo
	Extended remdesivir use in haematological patients with malignancies and prolonged COVID-19 in omicron era: tolerance and outcomes	E. Gras
	Dual SARS-CoV-2 infections: genomics-based approach for detection of SARS-CoV-2 co-infections and diverse viral populations	B.-S. Jiménez Araya
	Ultrasonological predictors of severity of dengue in a teaching hospital in South India	V.-.-V. Nair
	COVID-19 and network medicine: utilising multi-omic approaches in response to future pandemics	B. Ward
	Persistent DNA methylation changes up to 7 months after SARS-CoV-2 infection: initial findings from population-based studies	P. Matías Garcia
	Anti-RBD IgG titres after a primary vaccination course with BNT162b2 and after a third booster dose with a first-generation m-RNA vaccine in a cohort of people living with HIV	A.-M. Azzini
	Dynamics of <i>Streptococcus pneumoniae</i> non-PCV13 lineages in Spain during SARS-CoV-2 pandemic	S. Calvo Silveria
	Unraveling the role of casein kinase II in the SARS-CoV-2 lifecycle: implications for host-targeted antiviral development	D.-S. Lopez Molina
	Clinical manifestations of SARS-CoV-2 infection in Omicron subvariants	J. Shastri
	Longitudinal outcomes of COVID-19 in solid organ transplant recipients from 2020 to 2023	J.-T. Solera Rallo
	Surveillance of invasive pulmonary aspergillosis in COVID and non-COVID patients	S. Karabela
	SARS-CoV-2 infection and re-infection by Delta and Omicron variants in a population with low vaccine coverage	R. Wenlock
	Pre-exposure prophylaxis for COVID-19 with tixagevimab/cilgavimab in kidney transplant recipients in the Kraken variant (XBB.1.5) era: a single-centre experience	B. Pinchera
	Molecular epidemiology of <i>Pneumocystis jirovecii</i> in patients with and without COVID-19, based on real time PCR assay	F. Rouhi
	Effect of tixagevimab-cilgavimab on viral shedding kinetics in immunocompromised patients with breakthrough COVID-19	J. Han
	Impact of multiple-dose remdesivir, a COVID-19 antiviral, on CYP3A4 activity: a clinical drug-drug interaction (DDI) study with midazolam	A.-N. Shaik
	A cost and resource utilisation study of COVID-19 patients treated in German tertiary care hospitals	S. Sikdar
	Divergent SARS-CoV-2-induced immunity signals in the upper and lower respiratory tract in severe COVID-19	B.-S. Jiménez Araya
	Pharmacokinetics, safety, and tolerability of single-dose obeldesivir in healthy Japanese and Caucasian participants	C. C. Peng
	Prevalence of and factors associated with long COVID among diverse healthcare workers in the United Kingdom: a cross-sectional analysis of a nationwide study (UK-REACH)	A. Al-Oraibi
	Characteristics and outcomes of hospitalised patients across five waves of the COVID-19 pandemic	K. Hussein
	SARS-CoV-2 point-of-care antibody testing: a cross sectional study in healthy people and individuals at high-risk for severe COVID-19	I. Grigoropoulos

	Use of antibiotics in patients hospitalised for COVID-19: no beneficial effect on clinical outcome or course of disease	A. Friedrichs
	Increasing antimicrobial resistance rates in relation to antibiotic misuse and overuse during COVID-19 pandemic	O. Loay
	Long-term impairment of working ability in subjects under 60 years of age hospitalised for COVID-19 at 2 years of follow-up: a cross-sectional study	L. Frallonardo
	Comparison of a novel concentration method for SARS-CoV-2 wastewater monitoring	T. Koritnik
	Bacterial co-infection and secondary infection in SARS-CoV-2 (COVID-19) adult patients in a national tertiary infectious disease hospital	M.-Y.-E. Ugale
	Surveillance and detection of SARS-CoV-2 in four national university campuses, the UniCoV Project: apps, antigens, saliva, wastewater, and participation	J. Mac Sharry
	Brief cognitive assessment for long COVID-19 sequelae and its significance	S. Da-Young
	Dual antiviral therapy can be effective for treatment of protracted SARS-CoV-2 infection in immunocompromised hosts	J. Little
	Sub-populations of critically ill COVID-19 patients exist with distinct antibody responses to SARS-CoV-2	D. Brett-Major
	Missed opportunities of early SARS-CoV-2 therapy among hospitalized patients: a retrospective observational cohort study, Milan, Italy	A. Rabbione
	Safety and tolerability of tocilizumab for COVID-19	M. Deeb
	Safety and tolerability of baricitinib for COVID-19	M. Deeb
	Epidemiology of bacterial co-infections in COVID-19 associated pulmonary aspergillosis patients in a tertiary-care teaching hospital in Mexico City.	B. Valente Acosta
	Evaluation of the digital lightcycler in monitoring SARS-CoV-2 RNA in sewage	T.-Y. Lee
	Impact of COVID-19 infection in quality of life of hospitalised patients with autoimmune conditions: experience from a single-center in Greece	A. Papanikolopoulou
	Safety of tocilizumab and baricitinib for treatment of COVID-19 in hospitalised patients	M. Deeb
	Reinfection of SARS-CoV-2 variants in immunocompromised patients with prolonged or relapsed viral shedding	J.-Y. Kim
	Associations of COVID-19 control measures, the incidence of pneumonia and various respiratory pathogens in Finland, 2020-2023	H.-M. Nohynek
	Clinical characteristics and factors associated with in-hospital post-surgical mortality in COVID-19 patients at a tertiary care center in Karachi, Pakistan	N. Nasir
	Changes in antibiotic consumption due to COVID-19 pandemic in tertiary-care hospitals in Costa Rica: a five year interrupted time series study	C. Fernandez-Barrantes
	T-cell mediated response and post-COVID-19 syndrome	E. Righi
	Antibiotic use in outpatients with COVID-19 diagnosed with point of care tests in an integrated healthcare network in Utah, USA	R. Williams
	Evaluation of humoral immune responses against SARS-CoV-2 variants after receiving booster doses	Y.-C. Cheng
	Adding a SARS-CoV-2 RT-PCR on a faecal sample to a RT-PCR on a nasopharyngeal sample augments diagnostic sensitivity	N. Van Der Moeren
	COVID-19 and influenza- role of haematological parameters in assesing the disease severity	A.-I. Adamescu
	Is early empiric antibiotherapy in patients hospitalised in ward settings with COVID-19 pneumonia beneficial?	A. Kopp-Derouet
	Proteomic insights into the impact of COVID-19 on peripheral blood mononuclear cells in kidney transplant recipients	G.-G. F. Leite
	Increased risk of invasive aspergillosis in immunocompromised patients with persistent SARS-CoV-2 viral shedding > eight weeks, a retrospective case-control study	C. Melenotte
	The association of platelet-to-lymphocyte ratio with COVID-19 and acute ischemic stroke in admitted adult patients in Zamboanga City Medical Center	A. Abduraup
	Breakthrough SARS-CoV-2 infections after COVID-19 mRNA vaccination in patients with multiple sclerosis on disease modifying therapies	A. Aiello
	Increased risk of SARS-CoV-2 infection in professional settings, shops, shared transport, and leisure activities in a case-control study in France, 2020-2022	S. Galmiche
	Comparing the disease burden of COVID-19 in-patients with and without high risk factors for severe outcomes: a retrospective study using routine hospital data	N. Bihrer
	Genomic detection of SARS-CoV-2 reinfections in the SIREN cohort study: has the 90-day interval endured?	D. Sparkes
	Longitudinal anti-SARS-CoV-2 antibody responses reveal cross-reactive boosting following vaccination	D. George
	Prevalence and impact of persistent symptoms following SARS-CoV-2 infections in UK healthcare workers in the SIREN cohort study	S. Foulkes
	Concomitant vaccination uptake of the COVID-19 booster and influenza vaccine in the United States during the 2021/22 and 2022/23 seasons	A.-P. Myint
	Impact of age on SARS-CoV-2 transmission in French households: comparison of Alpha and Omicron variants	S. Chervet
	Tracking SARS-CoV-2 RNA in urban wastewater through diverse biomarkers	R. Musumeci
	Immunosuppressive treatment and CD4/CD8 T-cell exhaustion impact SARS-CoV-2-specific adaptive responses after vaccination in solid organ transplant	L. Donadeu

	Genomic characterization of SARS-CoV-2 outbreak during international scientific workshop: evidence of cross-border transmission	A.-M. De Pascali
	Different effect of anti-s monoclonal antibodies on immunity depending on SARS-CoV-2 vaccination status	L. Maddaloni
	Enhanced SARS-CoV-2 surveillance in Slovenia through wastewater analysis: a comprehensive community-level approach	T. Janko
	Safety of a self-amplifying mRNA COVID-19 vaccine, ARCT-154	I. Smolenov
	Treatment strategies to avoid residents' isolation in nursing home: modelling analysis	H. Zaaraoui
	The impact Of COVID-19 on healthcare utilization associated with antibiotic resistance among inpatients at a tertiary hospital in Vietnam	N. Nguyen Tq.
	Nasopharyngeal microbial dysbiosis in COVID-19 patients revealed by 16S metagenomics	F. Kardaras
	IgG anti SARS-CoV-2 spike levels and vaccination on a cohort of hospital healthcare workers	M. Latorre-Millán
	Multi-tissue immune analysis of severe COVID-19 patients indicates differential adaptive immune response enrichment in secondarylymphoid tissues	E. Soares
	SARS-CoV-2 infection accompanied by gastrointestinal symptoms elicits antibodies with significantly higher avidity as compared to infections without gastrointestinal symptoms	W. Borena
	A polymersome COVID-19 booster is safe and immunogenic in pre-vaccinated healthy volunteers and confers exceptional thermostability	K. Schultheis
	Ceftazidime-avibactam in the treatment of bacterial superinfection in COVID-19 patients	T. Ha Thi Cam
	Infection of macrophages by SARS-CoV-2: implications for viral spreading and immune response	L. Signorini
	Machine learning models based on exhaled volatile organic compounds combined with serum cytokine profile for severity prediction in COVID-19 and other respiratory infections	P. Esteban Sánchez
	COVID-19 mRNA vaccines may also boost immunity to seasonal coronaviruses and influenza	V. Gopal
	Is there still room for COVID-19 pre-exposure prophylaxis? A real-world case-control effectiveness study in high-risk patients with hematologic malignancies during the emerging Omicron surge	A. Severino
	Safety and immunogenicity of SARS-CoV-2 mRNA-based vaccines in a cohort of lung transplant recipients	S.-C. Uceda Renteria
	Long COVID among people living with HIV (PLWH): a real-life study	M. Degli Antoni
	Diffuse transcriptional upregulation of human endogenous retroviruses in the bronchoalveolar lavage fluid of patients with severe COVID-19 pneumonia	K. Kitsou
	Impact of COVID-19 on the incidence of nosocomial pneumonia in two intensive care units	N.-L. Khanafer
	Complicating bacterial pulmonary infections in critical COVID-19 pneumonia	M. Htoutou Sedlakova
	Prediction of transmission inhibition based on the antiviral effect of ensitrelvir and simulation of its impact on epidemics	S. Miyazawa
	Evolutionary timeline of SARS-CoV-2	R. Kaushal
	Cross-neutralising activity and durability of antibody responses against BA.4/5 and XBB 1.5 variant after BA.4/5 bivalent vaccination according to the previous SARS-CoV-2 infection: a three-month prospective cohort study	H.-H. Cha
	Adaptive immunity-derived epitope profiles as indicators of COVID-19 severity	M. Alorda
	Impact of the COVID-19 pandemic on the resistance of bacterial agents isolated from the lower respiratory tract in ICU patients	M. Htoutou Sedlakova
	Comparative analysis of symptom profile and risk of death associated with infection by SARS-CoV-2 and its variants in Hong Kong	W.-I. Wei
	Immunogenicity of SARS-CoV-2 mRNA-based vaccines in a cohort of lung and liver transplant recipients	S.-C. Uceda Renteria
	Driving selection of target populations to design RCT assessing therapies for the prevention and treatment of the post-COVID-19 syndrome	E. Tacconelli
	Estimating the effect of vaccination and previous infection on Ct values as a proxy of viral load	S. Andeweg
	Neurosensorial cluster of the post-COVID 19 syndrome: prospective psychophysical assessment of smell and taste impairment and impact on quality of life	E. Gentilotti
	Comparative effectiveness of the mRNA-1273 and BNT162b2 COVID-19 vaccines among older adults: a systematic literature review and meta-analysis using the GRADE framework	E. Beck
	Safety and immunogenicity of SARS-CoV-2 mRNA-based vaccines in a cohort of liver transplant recipients	G. Giacomel
	Monitoring protection from SARS-CoV-2 infection and COVID-19 vaccination in the UK SIREN healthcare worker cohort 2020-2024: assessing the impact of vaccine boosters	P.-D. Kirwan
	In-house software development reveals insights into ‘closed system’ diagnostics - a lesson from rapid development of high-throughput SARS-CoV-2 screening	M. Kidd
	Bio-humoral characterisation of patients by clusters of post-COVID-19 syndrome at 18-month follow-up: the multicentre, prospective ORCHESTRA study	E. Gentilotti
	Seroprevalence of Omicron BA.2 neutralising antibodies among residents in residential care homes for the elderly in Hong Kong, February – November 2022	W.-I. Wei
	Effectiveness and safety of favipiravir versus standard of care in adult COVID-19 patients in a tertiary hospital setting: a retrospective cohort study	C.-N. Dayao
	Impact of COVID-19 on home healthcare agencies and nursing homes in the United States	M. Pogorzelska-Maziarz
	Reduction of post COVID-19 condition during the Omicron wave: results from the EuCARE POSTCOVID Study	F. Bai

	Increasing prevalence of comorbidities in patients hospitalised with COVID-19 across variant eras	M. Berry
	Rates of long COVID-related symptoms and diagnoses in patients hospitalised with COVID-19 increased across variant eras	M. Berry
	Risk factors for morbidity and mortality among adult patients with COVID-19 and pulmonary tuberculosis co-infection admitted at a national infectious disease referral hospital in Manila, Philippines	C.-D. Mendoza
	Gut microbiota composition in COVID-19 patients during the Delta and Omicron variant predominance in Uzhhorod, Ukraine	P. Petakh
	Varicella zoster virus-induced neurological disease after COVID-19 vaccination: a multicentre observational cohort study	M. Elbaz
	Clinical prediction model for bacterial coinfection in hospitalised COVID-19 patients during four waves of the pandemic	M. Elbaz
	Expansion of the laboratory surveillance of respiratory viruses in the Philippines: a response to the COVID-19 pandemic	C. Dacasin
	Identification of new host-directed antiviral targets by proteome analysis of cysteamine anti-SARS-CoV-2 activity	T. Alonzi
	Evaluation of SARS-CoV-2 spike mutations in immunocompromised and immunocompetent patients	A. D' Abramo
	Remdesivir 30-days-COVID-19-related mortality, length of hospitalization and time until negative swab test in severely immunocompromised patients	R. Pol
	Nirmatrelvir/ritonavir in the management of COVID-19: a retrospective study in a highly vaccinated population	S. Jordao
	Distinct variation pattern between consensus sequences and mutant spectra during the COVID-19 pandemic	B. Martínez González
	Extinction of SARS-CoV-2 by synergistic lethal mutagenesis exerted by remdesivir and ribavirin	C. García-Crespo
	Independent online medical education significantly increases physician knowledge and confidence regarding real-world data for COVID-19 antiviral therapy in high-risk patients	J. Duffey
	Antiviral use in mild to moderate SARS-CoV-2 infections during the Omicron wave in geriatric patients	V. Prendki
	Resurgence of SARS-CoV-2 viral load following antiviral therapy cessation in haematologic patients with COVID-19	M. Chumbita
	Nasopharyngeal microbiome in COVID-19 infection.	J. Rodríguez-Grande
	Investigating the impact of vaccination and reinfection dynamics on the XBB variant of SARS-CoV-2 ???	P. Trindade
	Nirmatrelvir/ritonavir or remdesivir for COVID-19 in patients with B-cell malignancies and plasma cell dyscrasias	P.-M. Voutsinas
	Determinants of recorded SARS-CoV-2 vaccine uptake among ART-compliant people living with HIV	G. Alessio
	Discordant results in the Xpert® Xpress SARS-CoV-2/ Flu/RSV assay: The importance of an accurate assessment at curve analysis in PCR testing	C. Veintimilla
	Type I interferon pathway-related hub genes as a potential therapeutic target for SARS-CoV-2 omicron variant-induced symptoms	S. Baoqing
	Multicomplex pharmacophore based virtual screening, docking, and molecular dynamics to discover novel inhibitors against main protease (Mpro) of coronaviruses	P. Rajoria
	Monitoring anti-SARS-CoV-2 antibodies and variant-specific neutralization in healthy children by dried blood spots	M.-D. Marsiglia
	Clinical epidemiology and biomarker identification in patients with novel coronavirus infection (severe/critical) secondary to bacterial infection	Z. Han
	Risk of SARS-CoV-2 infection and severe COVID-19 in haematological patients who received or not pre-exposure prophylaxis with tixagevimab/cilgavimab: a target trial emulation during Omicron BA.5 dominated wave	G. Tiseo
	Global rate of antibiotic use, co-infections, resistance and clinical outcomes in COVID-19 patients receiving antibiotics in 65 countries worldwide	D. Dona'
	Anion exchange woven fabric ensures a most efficient concentration of SARS-CoV-2 from wastewater	Y. Kaltunova
	Increased viral loads of Omicron EG.5.1 compared to co-circulating SARS-CoV-2 lineages	T. Froyen
	Broad immunity to SARS-CoV-2 mediated by a Vaccine Formulation Based on the receptor binding domain (RBD)-Nucleoprotein cocktail Co-Administered with an AddaVax adjuvant	A. Ghaemi
	Surveillance of SARS-COV2 variants in wastewater of aircraft	E. Wollants
	Household transmission dynamics of SARS-CoV-2 in the north of the Netherlands: the COVID-HOME study	M.-F. Vincenti Gonzalez
	Evaluation of immune response to anti-SARS-CoV-2 vaccination in cancer patients	R. Campagna
	COVID-19 does not increase the risk of invasive fungal infection in hematopoietic stem-cell transplanted patients	B. Randi
	Coinfection of SARS-Cov-2 with other respiratory viruses in a large cohort study: the UnCoVER-Brazil project	F.-S.-D. Carvalho
	Lessons for future pandemic preparedness: The SIREN experience	J. Islam
	Promotion of SARS-CoV-2 vaccination in at-risk sectors: methods and impact of an intervention in jail health care	M. Rouyer

	Concomitant administration of seasonal influenza and COVID-19 mRNA	T. Aydillo
	T cell receptor sequencing allows monitoring longitudinal T cell clonal responses and antigen-specificity to COVID-19 vaccination	I. Ferreiros-Vidal
	The acquisition of SARS-CoV-2 immunity from sequential Spike exposures via infection or vaccination	M. Shawe-Taylor
	Post-acute sequelae of COVID-19 three to twelve months after infection: Delta versus Omicron	S. De Bruijn
12:00 - 13:30		Poster Area
4a. Diagnostic bacteriology (incl culture based, traditional and general microbiology, serology, excl AST methods)		
	Urine collection practices analysis and the impact of boric acid tubes on quantitative urinary bacterial cultures in hospitalised patients	D. Ben-David
	Pre-analytical delays in blood culture pathway do not always postpone actionable results	T. Inglis
	GDH/toxin assay plus PCR vs PCR for the diagnosis and treatment of <i>Clostridioides difficile</i> infection	H. Salimnia
	Urine culture reflex implemented to reduce inappropriate testing and treatment of UTIs	E. Omer
	Can IgM predict IgG avidity values for <i>Toxoplasma</i> and CMV?	L. Verdurme
	Same-day reporting of blood cultures in gram-negative sepsis: achieving holy grail of microbiology <i>sans</i> MALDI-TOF	A. Gupta
	Development of a cost-effective rapid detection of carbapenem-resistance Gram-negative bacteria laboratory workflow	K. Sun
	Preliminary evaluation of a rapid lateral flow immunoassay for the detection of <i>Candida albicans</i> , <i>Trichomonas vaginalis</i> , or <i>Gardnerella vaginalis</i> antigen kit using clinical vaginal swab specimens	K. Sun
	Evaluation of a novel chromogenic culture medium for the detection and enumeration of <i>Pseudomonas aeruginosa</i>	J. Degrossi
	Evaluation of the analytical and clinical performance of a new diagnostic test for the detection of <i>Campylobacter</i> antigens in stool specimen	J. Becker
	Performance comparison of a new GDH antigen chemiluminescent immunoassay for the diagnosis of <i>Clostridioides difficile</i> infection	A. López González-Salido
	Blood volume is the key determinant of paediatric blood culture performance: results from a pre- and post-intervention study	S.-O. Whelan
	Impact of laboratory processing delays on microbiological diagnostics	V. De Sario
	Rates of Gram-positive blood culture contamination in El Paso Texas: a comparative assessment between nucleic acid diagnostic test & conventional method	N. Almaghlouth
	Blood cultures in resource-limited settings: extended stability testing in simulation experiments	L. Hardy
	The impact of implementing a new blood culture system for coagulase-negative staphylococci contamination	H. Kitagawa
	Enhancing microbiology laboratory organisation: first WASPLab installation in Romania	M. Bota
	Efficient ELISA tests for early diagnosis of plague	H. Boutal
	Direct Gram staining replaced by a flow cytometer automate to save time	M. Dubuc
	Evaluation of laser light scattering method for urine culture screening in outpatients	A. Obradovic Balihodzic
	Comparing optical microscopy with table-top scanning electron microscopy in a clinical bacteriology laboratory: a cost-effectiveness analysis	O. Zmerli
	Evaluation of a 16 hour incubation for urine culture using wasp/wasplab imaging analysis	M. Gaskin
	Understanding routine laboratory practices for <i>C. ulcerans</i> and <i>C. diphtheriae</i> culture in primary clinical testing providers in the United Kingdom: a mixed-methods evaluation	C. Robin
	Fast-track algorithm for the early detection of microorganisms in urine in patients with suspected sepsis	B. Rodríguez Márquez
	Changing the culture around blood cultures	A. Read
	Evaluation of a new diagnostic system that identifies microorganisms from clinical samples	L. Schechter
	Comparison of two culture strategies for the diagnostic of vulvovaginal candidiasis leading to reduction of the turnaround time and consumption of media	A. Skovby
	Comparing enrichment broths and plates for detection of MRSA in screening samples	A. Skovby
	Contribution of anaerobic culture in semen samples in medically assisted reproduction	J. Vasse
	Performance of a novel chromogenic agar for primary isolation of pathogenic beta-hemolytic streptococci from throat swabs	A. Almodahka
	Retrospective analysis post-implementation of a novel lab-developed multiplex RT-PCR/MALDI-TOF MS syndromic test for infectious diarrhea	R. Liao
	The optimal storage conditions of faeces for detection of bacterial pathogens	V. Hira
	Significance of Bristol value in the finding of gastrointestinal pathogens	M. Vicente-Ciurans
	<i>Legionella</i> diagnosis: comparison between two urinary antigen commercial tests	G. Palladini

European evaluation of 16 assays for the detection of <i>Legionella pneumophila</i> antigen in urine samples from patients with pneumonia	S. Jarraud
Evaluation of an immunochromatographic test for the detection of <i>Streptococcus pneumoniae</i> in pleural fluids	S. Mokni
Correlation between manual and automated treponemal assays in serum and spinal fluid samples	V.-P. Dimova-Svetoslavova
Are you choosing the right colony? Exploring phenotypic and genomic variability between colonies from clinical <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> pure cultures	A.-R. Freitas
Detection of diphtheria toxin production by Elek test: interlaboratory proficiency testing among three laboratories in three different countries	A. Berger
Improved performance in diagnosis of Lyme disease utilising a novel multiplexed modified two-tier test when compared with the standard two-tier test	T.-R. Fritsche
Evaluation of the influence of different blood volumes and inoculum size on the time to positivity detection in a system for continuous monitoring of blood cultures	M. Bogdan
Production of monoclonal antibodies against quorum sensing molecule HQNO to diagnose <i>P. aeruginosa</i> infections	I. Rovira
Performance of a new lipid enriched blood agar to detect catheter colonization by <i>Malassezia</i> spp. and by other commonly associated microorganisms	P. Martín-Rabadán
Infection-related stillbirths: a detailed examination of a nine-year multidisciplinary study	M. Pavoni
Improving yield of peritoneal dialysis effluent cultures: an LMIC experience	A. Rohit
The first IVDR-certified <i>Treponema pallidum</i> haemagglutination assay was accurate and reliable to confirm and quantify <i>T. pallidum</i> antibodies in sexual health attendees and pregnant women	H. Duale

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4b. Laboratory management (incl automation, data management, QC/QA, regulatory aspects)	
Evaluation of performance of early identification of urinary pathogens using combination of an automated picker and chromogenic medium at 12h incubation	C. Fulchiron
External quality assurance (EQA) network in south and southeast Asia: experience and results from an international EQA program in One Health sector reference laboratories	T. Kostyanev
Inter and intra-lot variance precludes use of manufacturer's kit controls for quality monitoring	Y.-Y.-C. Chen
Impact and benefits of implementing the Nagoya protocol regulation in microbiological collection for research & development activities	C. Mirande-Meunier
Preliminary performance assessment of automated individual blood volume measurement system for blood culture instrument	J. Herr
Comparison of AI-assisted and manual interpretation of discs diffusion test from 12 antibiotics of <i>Pseudomonas aeruginosa</i>	H. Wisplinghoff
Use of a data analytic platform for the determination and tracking of blood culture contamination at an academic health care system.	H. Salazar
Validation of an automated instrument for handling specimen preparation	M. Chan
Environmental impact of urine analyses: comparison of manual, semi and fully automatised analytical workflow	O. Dauwalder
LEAN optimisation with two track integrated InoqulAs	M. Okkema-Van Der Lei
Human papillomavirus: external quality assessment, 2009-2023 a review	D. Byers
Educational preanalytical cases support end-to-end EQA in bacteriology laboratories	K. Virtanen
Can a fast call to the microbiology laboratory improve the diagnosis and management of patients with sepsis alert?	A. Álvarez-Uría
Assessing <i>E.coli</i> antimicrobial resistance detection proficiency: insights from EQASIA matrix external quality assessment (EQA) in south and southeast Asia	H. Almir

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4c. MALTI-TOF and other proteomic methods	
Experimental study on factors associated with low identification rates of <i>Streptococcus pneumoniae</i> using commercial enrichment kit for direct MALDI-TOF MS identification	Y.-K. Ko
Optimal commercial enrichment kit protocol for rapid bacterial pathogen identification from blood positive culture by matrix-assisted laser desorption ionization-time of flight mass spectrometry system	H.-S. Lee
The importance of using two complementary mass spectrometry databases in the resolution of complex pathogens	F. Rocca

Is the correct identification directly from blood culture bottles just a dream?	D. Karadağ
Rapid classification of <i>Staphylococcus lugdunensis</i> sequence type 3 based on MALDI-TOF mass spectrometry	L.-C. Lin
Evaluation of a rapid MALDI-TOF protocol for the detection of pathogenic microorganisms on positive blood cultures in an MDRO-endemic hospital environment	A. Kassomenaki
Performance and workflow comparison between two MALDI TOF MS systems in microbiology routine laboratory settings	U. Eigner
Performance evaluation of Vitek MS PRIME compared to Vitek MS	S.-A. Song
MALDI-TOF MS database expansion for robust and improved diagnostics in microbiology	V. Chalansonnet
Detection of <i>Escherichia coli</i> O157:H7 using MALDI-TOF mass spectrometry	F. Rocca
Performance of the VITEK MS PRIME was equivalent to the VITEK MS in microbial identification with improved time to result	C. Wong
Use of FT-IRS to detect in-patient diversity of vancomycin-resistant <i>Enterococcus faecium</i>	P.-G. Higgins
<i>Legionella</i> spp. identification by MALDI-TOF mass spectroscopy: improvement of technique and species relationship	L. Girolamini
Evaluating MALDI-TOF for differentiation of <i>Streptococcus pneumoniae</i> from viridans group streptococci in blood cultures	E. Gil
New insights on <i>Serratia</i> spp. taxonomy: are we doing our best?	B. Pérez Viso
Bacterial identification by direct MALDI-TOF MS from blood culture bottles	S. Munilla
Evaluation of fast direct MALDI-TOF identification of organisms from positive blood-culture bottles (BCB): the saponin method vs full extraction	D.-S. Hansen
Determination of the globally most common <i>Streptococcus agalactiae</i> strain, ST1, using MALDI-TOF mass spectrometry	K. Onruang
Evaluation of MALDI-TOF MS to identify <i>Acinetobacter</i> spp. circulating in a Danish tertiary hospital	L. Sonja
A simple protocol for rapid bacterial identification by MALDI-TOF MS directly from positive blood cultures	J. Simões Marrazes
Application of Fourier transform infrared spectroscopy to discriminate <i>B. anthracis</i> from <i>B. cereus</i> sensu stricto	V. Manzulli
Assessing diagnostic methods: MOLDI TOF Direct vs. ePlex BCID panels in detecting bacteremia and fungemia from positive blood cultures in a tertiary level hospital	S. Narváez Morales
Evaluation of VITEK MS prime bacterial identification performance in conjunction with a fully automated slide preparation system in urine cultures	J. Rovira-Plujà
Detection of <i>cfiA</i> gene in <i>Bacteroides fragilis</i> using MALDI-TOF	N. Ulger Toprak
Comparison between direct MALDI-TOF MS method and a commercial multiplex PCR panel for rapid identification of bacteria directly from positive blood cultures	I. Velimirović

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4d. Molecular diagnostics (incl POCT and syndromic testing)	
Diagnostic accuracy of pooling samples for the detection of <i>N. gonorrhoeae</i> and <i>C. trachomatis</i> using a commercial CT/NG assay	A. Shanley
Argentine multicentre study on the usefulness of multiplex PCR in the diagnosis of septic arthritis	R. Soloaga
High diagnostic accuracy of pooled samples analysed with a commercial PCR for detecting MRSA carriage	D. Bang Oturai
Prospective evaluation of a commercial multiplex PCR system to identify microorganisms in explanted heart valves from suspected infective endocarditis cases	B. Berinson
Detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> (and its resistance to ciprofloxacin): a molecular biology solution for rapid diagnosis and treatment	B. Dehesa-García
A novel filarial-multiplexed probe-quantitative PCR for the advance in the diagnosis of co-infected human filariasis	R. Capote-Morales
Towards better treatment of bacterial endophthalmitis	T. Schuurman
Duplex <i>Salmonella</i> spp. qPCR for screening of poultry environmental samples	D. Slavic
Molecular approaches to the rapid and accurate diagnosis of bone and joint infections	K. Ohkusu
Comparison of three multiplex PCR assays for <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> detection in symptomatic genital infections	A. Zerouki
Filmarray syndromic diagnostics strengthens clinical outcomes, biosecurity and response in eight small island states	J. Lee
Prospective evaluation of the performance and clinical impact of a commercial PCR panel in patients with suspected joint infections	B. Berinson
The relevance of <i>SCCmec-orfX</i> junction target in the accurate detection of methicillin-resistant <i>Staphylococcus aureus</i> : a comparative study of interpretation criteria in a real-time PCR kit	E. Franco
Would a rapid response be possible in developing countries for the diagnosis of hepatitis B and malaria using DBS samples?	M. Martínez-Santolaria

	Quick lysis reagent: a rapid alternative to automatic extraction	M. Martínez-Santolaria
	T2 magnetic resonance technology identifies 3.55 times more on-panel <i>Candida</i> species compared to conventional blood culture	O. Guzman
	Method validation: spike!	S. Trombert-Paolantoni
	Using protein microarrays to enhance lateral flow development for detecting multiplex beta-lactam and colistin resistance	S.-D. Braun
	Reagent decontamination needed to develop microorganism's qPCR assays with a mammalian endogenous control	M. Gistas Loscos
	qPCR Reagent decontamination needed for 16S rDNA qPCR and Sanger sequencing	M. Gistas Loscos
	Detection of bacteria directly from synovial fluid using digital PCR: proof of concept	M. Charles
	Improved meningitis diagnostics of culture-negative CSF samples with molecular culture	L. Remijas
	Comparison of two automatic methods for the identification of pathogens isolated from clinical samples	S. Baka
	Causative microorganisms of sexually transmitted infections in a STI clinic during the year 2023	J.-A. Perez-Garcia
	Evaluation of a multiplex real time PCR assay for the diagnosis of vaginal candidiasis: a comparison with conventional laboratory culture methods	L. Vandervore
	What have we learned from COVID-19 global health emergency?	L. Pastor-Bernard
	Fast, multiplexed, and automated diagnosis of sexual transmitted infections (STIs) in different human specimens	L. Pastor-Bernard
	Kitoma, extraction kit microbiome	L. Pastor-Bernard
	Rapid PCR-based syndromic testing improved pathogen identification in lower respiratory tract infections	K. Falconer
	Evaluation of a culture-independent gastrointestinal multiplex PCR panel for detection of gastrointestinal pathogens	E. Özbek
	Evaluation of the Abbott Alinity m STI assay for the diagnosis of sexually transmitted diseases	M. Pérez Ruiz
	Use of T2Bacteria panel in pediatric hematopoietic stem cell transplant patients: a single centre experience	L. Hiskey
	Clinical usefulness of the rapid bacterial identification panel at a tertiary hospital	W. Kwang-Sook
	Evaluation of molecular culture for pleural infection diagnosis	L. Remijas
	Non-classical pathogens involved in proctitis among frequent sex-group and chemsex participants	M. Perez-Polanco
	Assessment of various transport media for compatibility with a novel molecular point-of-care system for respiratory viruses	J. Becker
	BCID2 vs phenotypic culture: good, but not perfect, interim analysis from an Indian ICU	U. Agrawal
	One script, many actors: multiplex-PCR meningitis/encephalitis syndromic panel acceptance level among pediatric and adult physicians	P. Favier
	NGS-based pathogen diagnostic in patients after allogeneic haematopoietic stem cell transplantation: a prospective single-centre study	S. Weil
	GI pathogen detection using multiplexed PCR assay in kidney transplant recipients with diarrhea - before after study	A. Atamna
	Implementation of the first-of-its-kind high-throughput molecular testing platform for sexually transmitted infections into a national health service laboratory	A. Justice
	Misidentification of coagulase negative <i>Staphylococcus</i> species as <i>Staphylococcus epidermidis</i> by the blood culture identification panel 2 (BCID2)	S. Antonara
	Etiologies of children digestive infections by syndromic molecular diagnosis	D. Bensersa-Nedjar
	Diagnosis of community-acquired meningitis and meningo-encephalitis through syndromic PCR	D. Bensersa-Nedjar
	A commercial molecular diagnostic test: clinical case series of the top six bloodstream infection and sepsis causing bacteria	L. Simms
	Value of a commercial multiplex PCR panel for the diagnosis of cholera in an outbreak setting in Hammanskraal, Tshwane, South Africa	M. Said
	Effects of a colloidal gold immunochromatographic assay for carbapenemase detection on the clinical outcomes of patients with bloodstream infection caused by carbapenem-resistant <i>Enterobacterales</i>	J. Wang
	Evaluation of a commercial multiplex PCR assay as a routine screening method for the detection of stool pathogens	M. Moncho
	Detects the main sexually transmitted pathogens plus <i>Candida albicans</i> and <i>Gardnerella vaginalis</i> by one-step real-time PCR	B. Dehesa-García
	Evaluation of a commercial PCR-panel for detection of lower respiratory-tract infection pathogens compared to standard bacterial culture	J. Germ
	Multiplex molecular testing reveals the burden of <i>Vibrio cholerae</i> infection in travellers	V.-K. Owen
	Development of a strain-specific PCR as a diagnostic tool for surveillance, detection, and monitoring of vancomycin-resistant <i>Enterococcus faecium</i> during outbreak	A. Sabat
	Identification of bacterial pathogens in brain abscesses by metagenomic approach using nanopore 16S amplicon sequencing	Y. Jang
	Microbiological culture vs molecular techniques: what is the best for the diagnosis of gastrointestinal infections?	M. Iglesias Algilaga
	Comparison of two diagnostic techniques for the detection of sexually transmitted infections	H. Gil Campesino

	High-throughput development of multiple qPCR and RT-qPCR diagnostic kits for comprehensive pathogen detection	A. Alves Conceição
	The role of <i>Streptococcus pneumoniae</i> polymerase chain reaction (PCR) in the diagnosis of pleural effusion due to pneumonia	L.-E. Franco Fobe
	Optimising microbiological diagnosis and antimicrobial therapy of suspected osteoarticular infections using a syndromic molecular panel in paediatric patients	M. Agosta
	Comparison of the QIAstat-Dx and the BioFire for the detection of viral and bacterial respiratory tract pathogens	K. Leuzinger
	Standardisation of a rapid tool for the detection of bacterial pneumonia in children.	A. Martínez Trejo
	Culture-free rapid identification of bacterial strains in urinary tract infections (UTI) using RapidID, a novel multiplex, ribosomal RNA-based hybridization assay.	J.-M. Blondeau
	Evaluation of a novel commercial RT-PCR assay for the detection of <i>Helicobacter pylori</i> and clarithromycin resistance	U. Kolenc
	Severe pneumonia monitoring: dynamics of culture and of multiplex PCR according to bacterial type	S. Timsit
	Evaluation of respiratory multiplex panel performance at a large teaching hospital in the United Kingdom	D. Pathiyil
	Evaluation of four pneumococcal urinary antigen tests in patients with community-acquired pneumonia	R.-M. Pacheco-Gonzalez
	Development and application of non-toxigenic <i>Clostridioides difficile</i> quantitative polymerase chain reaction assay	J. Jo
	The use of a syndromic panel in the diagnosis of septic arthritis	A. Martín
	Implementation of a multiplex RT-PCR for the rapid detection of pathogens in neonatal sepsis.	H. Gil Campesino
	Impact of rapid molecular diagnosis on the clinical-therapeutic management of severe pneumonia	A. Galar
	Performance of new rapid multiplex real-time PCR kit detecting sexually transmitted pathogens	F. Doucet Populaire
	Emergence of OXA-48-producing <i>Klebsiella pneumoniae</i> ST5994: a subclone of ST307 high-risk clone	J. Rodríguez-Grande
	Molecular diagnostic techniques are useful in ruling out native vertebral osteomyelitis: a systematic review and meta-analysis	O. Mahmoud
	Retrospective analysis of a multiplex vaginitis panel reveals diagnostic uncertainty in high cycle threshold positive specimens	L. Osborn
	Evaluation of a custom NAAT gastrointestinal panel for syndromic testing of infectious diarrhea	Y. Grace
	Detection of <i>Helicobacter pylori</i> and clarithromycin-resistance prediction by real-time PCR in paediatric stool specimens	M. Butler
	Impact of multiplex polymerase chain reaction test in patients with meningitis or encephalitis	D. Kitagawa
	Quantitative PCR: a novel clinical tool for patients with bloodstream infections	D. Farlow
	Impact on hospital length of stay and antimicrobial usage in aseptic meningitis patients diagnosed by rapid multiplexed PCR assay at a pediatric hospital	L. Jacky
	Development of a dipstick-based diagnostic assay for rapid detection of AMR genes in critical and high-priority bacterial pathogens	D. Paul
	Correlation of FilmArray pneumonia panel plus assay results with conventional diagnostic methods in determining the microbiological aetiology of nosocomial lower respiratory tract infections and antibiotic resistance profiles	T. Us
	Evaluation of clinical performance and usability of a new automatic assay for gastrointestinal syndromic testing	J. Köffer
	Implementation of molecular syndromic testing in routine laboratory diagnosis of infectious gastroenteritis	T. Cerar Kišek
	Application of rapid molecular technology in precision medicine tackling Gram-negative bacteraemia	M. Hassan
	Comparison of self-collected and physician-collected rectovaginal swabs for the detection of Group B <i>Streptococcus</i> colonisation in pregnancy using PCR from commercial enrichment broth swabs	S. Jeverica
	Assessing five methods that utilise host depletion methods to target bacterial DNA from synovial joint fluid.	H. Webster
	Evaluation of four PCR Allplex gastrointestinal panel for the detection of bacterial, parasitical and viral pathogens in faeces.	P. Pitti
	Quantification of bacterial loads using interspace profiling (IS-Pro)	A.-X. Van Der Stel
	Evaluation of a multiplex PCR panel for the diagnosis of community acquired meningitis/encephalitis and its integration in the laboratory diagnostic algorithm	M. Thoburn
	Added value of syndromic PCR panels for diagnosis in patients with ventilator-associated pneumonia with or without chronic respiratory diseases	D. Calabretta
	Small amount of precious sample: can qPCR eye panel be helpful for rapid diagnosis of infections in keratitis patients?	B. Dinc
	Syndromic point of care respiratory testing is clinically impactful and cost-effective compared to laboratory-based respiratory PCR	J. Wild
	Evaluation of a multiplex PCR platform to enhance antimicrobial stewardship through rapid infection and antimicrobial resistance diagnostics in liver disease	V. Ramachandran
	Detection by real-time PCR of <i>Helicobacter pylori</i> and clarithromycin resistance compared to histology on gastric biopsies	G. Pittie

Evaluation of the multiplex PCR rapid testing for diagnosis of central nervous system infections	Y.-E. Tok
Effects of rapid detection of bloodstream infections using molecular method in developing country	E. Castro
Ten minutes from collection to final result: a novel nucleic acid detection technology	K. Gerber
Molecular diagnostics for pathogen identification in joint infections	P. Kmetec
Engineered reverse transcriptases and Taq DNA Polymerases deliver robust yields in the presence of clinically relevant inhibitors	J. Walker
Evaluation of the microbiological performance of the FilmArray BCID2 in a developing country	E. Castro
16S ribosomal and ITS gene PCR in osteoarticular infections: is it useful for all types of samples?	M. Pina Sánchez
<i>Streptococcus pyogenes</i> carriage detection with primary diagnostic and with qPCR-guided cultures in oropharyngeal and nasopharyngeal samples collected from children	R. Mariman
Analytical and clinical equivalence study of a syndromic panel for gastroenteritis on a alternative extraction platform	J. Green
Novel molecular assays for detection of the opportunistic pathogen <i>Kalamiella piersonii</i> .	L. O' Connor
Value of syndromic multiplex PCR in epidemiology of respiratory infections in lung transplant patients	N. Perez Munoz
An optimised protocol for cost-efficient and rapid sequencing of bacterial 16S rDNA in clinical samples using nanopore	J. Dingemans
Is 16S rRNA approach an option to improve molecular diagnosis in bacterial infections?	O. Dauwalder
Risk management of false positives with using multiplex PCR blood culture panels	S. Gregg
Can PCR replace culture for diagnosing gastro-intestinal pathogens? Validation of Seegene's Allplex GI-EB panel.	A. Holderbeke
Prevalence of gastrointestinal pathogens detected by multiplex PCR in a third-level teaching hospital in Mexico City	L. Martinez-Hernandez
Large diagnostic gap for hospitalized acute febrile illness admissions	K. Kariyawasam

12:00 - 13:30

Poster Area

4e. Strain typing and surveillance (incl molecular, genomic and other advanced methods)

Evaluation and proof of concept study for timely antimicrobial resistant organisms tacking (TAROT)	K. Aoki
Burden and serotype distribution of <i>Streptococcus pneumoniae</i> associated with pediatric invasive pneumococcal disease (IPD): a prospective surveillance study in Japan	K. Yanagihara
MRSA nasal carriage in Taiwanese senior high school students and narrative comparison with local metadata	C.-Y. Lee
National FTIR surveillance allows for early detection of outbreak of high risk <i>Klebsiella pneumoniae</i> ST307 in several hospitals in the north of Israel	M. Lurie-Weinberger
A fast and economic protein-microarray based approach for serotyping of <i>Salmonella enterica</i> strains	S.-D. Braun
Machine learning-based typing of <i>Clostridium botulinum</i> by FT-IR spectroscopy: preliminary results	I. Drigo
Investigation of multidrug resistant <i>Acinetobacter baumannii</i> using IR Biotyper, a Fourier transform infrared spectroscopy system	V.-S.-T. Ribeiro
Early identification of a nosocomial outbreak of vancomycin-resistant <i>Enterococcus faecium</i> by Fourier-transform infrared spectroscopy and performance comparison with PFGE and WGS	I. Roca
Big data genomic analysis of multidrug-resistant <i>Acinetobacter baumannii</i> in indian clinical isolates carrying different types of CRISPR/Cas systems	A. Das
Complete genomic analysis of Korean ST72-spa t324 community-associated methicillin-resistant <i>Staphylococcus aureus</i> SCCmec type IVa isolates from blood cultures	J.-S. Kim
Comparison between cultural method and isothermal loop mediated amplification (LAMP) in hospital environment monitoring	F. Marino
Differentiation of <i>Pseudomonas aeruginosa</i> clinical outbreaks by Fourier transform infrared spectroscopy	P.-G. Higgins
Evaluating FT-IRS in outbreak detection of vancomycin-resistant <i>Enterococcus faecium</i>	P.-G. Higgins
Evaluation of FT-IR spectroscopy and machine learning for the discrimination of <i>Escherichia coli</i> and <i>Shigella</i> spp.	M. Cordovana
Accelerating diagnosis by streamlining <i>Klebsiella pneumoniae</i> typing from blood culture bottles with Fourier transform infrared spectroscopy	Â. Novais
Discrepancies between cultural and molecular methods for carbapenem-resistant <i>Enterobacterales</i> in active surveillance: an experience of a Italian large tertiary Hospital	S.-R. Boncompagni

Genomic surveillance of multidrug-resistant organisms based on long-read sequencing	A.-P. Hendrickx
Successive <i>Staphylococcus aureus</i> isolates from cystic fibrosis patients: clonal lineages, resistance, virulence and detection of CC398 isolates	P. Eguizábal
Evaluation of a genotypic method for detection of ESBL and carbapenemase-producing-Gram-negative bacteria directly from rectal and pharyngeal swabs in a tertiary hospital	M.-P. Vargas Durán
Profiling the diversity of Scottish <i>Staphylococcus pseudintermedius</i> clinical isolates by development of a novel core genome multilocus typing scheme	I. Johnston-Menzies
Application of Fourier transform infrared spectroscopy for a neonatal <i>Kluyvera ascorbata</i> clinical outbreak	M. Cordovana
Exploring the <i>Streptococcus</i> genus composition in nasopharynx of adult patients with pneumococcal pneumonia: a marker gene study	M. Blanco Fuertes
Subtyping <i>Legionella pneumophila</i> using MLVA-8, MALDI-TOF MS and whole genome sequencing	L. Madagi
Genomic surveillance of multidrug-resistant bacteria: first results of the SLOSEQ project	U. Kramar
Comparability and reproducibility of bacterial genotyping is affected by species- and isolate-dependent issues in long read assemblies: a multi-centre performance study	J. Dabernig-Heinz
Specimen pooling for cost-sparing PCR-based surveillance of methicillin resistant <i>Staphylococcus aureus</i> (MRSA)	G. Patriquin
Community spread of <i>Staphylococcus aureus</i> ST398 in patients at risk of sexually transmitted infections	M. Danjean
Genomics insights into the complexity of <i>Staphylococcus epidermidis</i> transmission in a neonatal intensive care units (NICU)	M. Miragaia
Molecular characterisation of O157, O26 and O103 Shiga toxin-producing <i>Escherichia coli</i> (STEC) Slovenian isolates using whole genome sequencing	M. Trkov
Limitations of sequence typing for isolate inclusion in outbreak investigations	K. Jackowska
Fourier-transform infrared spectroscopy for low-cost and real-time vancomycin-resistant <i>Enterococcus faecium</i> outbreak investigation	A. Zouari Sassi
Evaluation of three high molecular weighted DNA extraction kits and <i>in silico</i> assemblers for circularization of <i>Listeria monocytogenes</i> genomes using third generation sequencing	F. Gravey
Real-time outbreak investigation of OXA-48-producing <i>Escherichia coli</i> using Fourier-transform infrared spectroscopy	J. Tarabeia
Rapid profiling of <i>Helicobacter pylori</i> carcinogenic toxin antibodies in serum via deep learning analysis of label-free SERS spectra	L. Wang
Molecular surveillance of group A streptococcal infections in the Netherlands: clonal sweep by the M1 _{UK} lineage	L. Rumke
Six months of experience with day-to-day sequencing of <i>Listeria monocytogenes</i> for outbreak investigation in an entire Danish region and concordance between changing chemistries	L. Krems Vejrum
be.Prepared to increase integration of health data as a way of strengthening the surveillance of infectious diseases	H. Masset
City lights, microbial insights: unmasking the urban challenges of group A <i>Streptococcus</i>	R. Kettles
Exploring the potential of FT-IR spectroscopy and machine learning to discriminate between <i>Enterococcus faecium</i> and <i>Enterococcus lactis</i>	A. Novais
Use of biotyper to distinguish <i>Klebsiella pneumoniae</i> sequence types 16 and 11: preliminary data	P. Barth

12:00 - 13:30

Poster Area

4f. Whole genome sequencing (incl pathogen characterisation, diagnostics, excl typing)

Study of the resistome and virulome of <i>H. pylori</i> by NGS approach using DNA capture technology	L. Gillet
Molecular characterisation of lugdunin inactivation mechanisms and their association with <i>Staphylococcus lugdunensis</i> genetic types	J.-J. Lu
WGS-based characterisation of putative hypervirulent <i>Klebsiella pneumoniae</i> identified in a tertiary care hospital in Germany	B. Neumann
<i>Streptococcus equi</i> invasive isolates in Belgium between 2014 and 2022: characterisation and subspecies identification using MALDI-TOF MS and whole genome sequencing	S. De Koster
Automation of the library preparation for whole-genome sequencing of bacterial genomes using an open-source programming liquid-handler robot	E. Meijers
Unravelling adaptation of <i>Pseudomonas aeruginosa</i> in cystic fibrosis patients: a longitudinal genomic analysis	M. Rossitto
Hyper-transmissible <i>Klebsiella pneumoniae</i> carbapenemase (KPC): unravelling multi-species transmission within a single patient using whole genome sequencing	X. Li

Comparing Illumina and Nanopore for bacterial whole genome sequencing in clinical microbiology	S. Purushothaman
How whole genome sequencing shed new light on <i>Staphylococcus hominis</i> subsp. <i>novobiosepticus</i>	K. Wolk
Occurrence of hypervirulent <i>Klebsiella pneumoniae</i> clones in Santander, Spain	J. Rodríguez-Grande
Prevalence and characteristics of plasmid-encoded serine protease EspP in clinical Shiga toxin-producing <i>Escherichia coli</i> strains from Sweden	A. Matussek
Economic effects of next-generation-sequencing diagnostics: a budget impact analysis from the healthcare providers' perspective	A.-C. Siefen
Genotypic characterisation of <i>Staphylococcus aureus</i> isolates associated with invasive infections in children	P.-C. Georgiou
Comparative study of gDNA-extraction from clinically relevant species for third generation sequencing	T. Pedersen
Invasive and non-invasive Group A Streptococcus (GAS) identified in a paediatric cohort differ for <i>emm</i> type, virulence factors and mobilome	V. Fox

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12:00 - 13:30	Poster Area
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4g. Microbiome studies (incl clinical and diagnostic studies, One Health aspects)	
Urinary tract infections and microbiome	E. Malaeva
Gut microbiota and recompensation liver cirrhosis	E. Malaeva
Gut microbiota in preterm infants: changes associated with bacterial and fungal bloodstream infections	Y. Oh
The effects of probiotic <i>Bifidobacterium breve</i> Bif195 for diarrhoea-predominant irritable bowel syndrome	I.-M.-B. Grønbaek
Gut microbiome dynamics in human melioidosis: a comprehensive analysis from early infection through recovery	C. Mukhopadhyay
Comparative metagenomic study of vaginal microbiota in women infected with HPV 16/18 and other high-risk HPV subtypes: multi-kingdom microbiota approach	J.-Y. Park
Antibiotic treatment delayed gut microbiome recovery in children with watery diarrhoea	T.-H. Chung
Comparison of faecal sample collection methods in gut microbiome research	I.-M.-B. Grønbaek
Nasopharyngeal microbiome composition in SARS-CoV-2 infected patients, with relation to COVID-19 clinical outcome	J.-L. Tison
Structural variations in microbiome after prolonged cryopreservation of faecal samples	J. Ujevic
Evaluating the correlation between the vaginal microbiome and clinical outcomes: is our data analysis accurate?	C. Povey
The urinary microbiome is highly diverse: shotgun metagenomics of urine samples from 1,000 individuals of the population-based SCAPIS cohort	T. Graells
Whole-genome sequencing and 16s metabarcoding analysis provide new insights in the relationship between the composition of gut microbiota and colonization by <i>Klebsiella pneumoniae</i> .	R. Rosato
Faecal microbiota differences in patients with HIV, chronic hepatitis C and HIV/HCV coinfection	M. Madelane
Higher total bacterial load in vagina is associated with endometrial hyperplasia	E. Voroshilina
Dead or alive? Novel strategy for the differential analysis of the microbiome composition	C. Robert
Comparing the lung microbiome across COPD GOLD stages	L. Bueno Freire
The effect of recurrent urinary tract infections on the proteome	A. Cruells Gascon
Vaginal and gut phageomes and microbiomes in recurrent urinary tract infection	A. Cruells Gascon
The influence of age on the stability of the gut microbiota composition as a factor determining the faecal microbiota transplantation effectiveness in a rat model	A. Krawczyk
The microbiome from diabetic foot ulcers: are there particular patterns to take care in clinical practice?	L. Soldevila-Boixader
Quantitative detection of short-chain fatty acids in the fecal metabolome	G. Hovde Bø
Analyses of nasopharyngeal microbiota patterns associated to pneumococcal pneumonia in adults: a prospective double case-control study in COVID-19 pandemic period	B. Dietl
Nanopore-based 16S rRNA gene sequencing improves bacterial identification in clinical samples compared to Sanger-sequencing	K. Gravgaard Thomsen
Refinement of the microbiome analysis for low-microbial biomass biospecimens	A. Matussek
Early development and dynamics of nasopharyngeal microbiota in infants during the COVID-19 pandemic: a 2-year prospective cohort study	A. Lluansí
Optimization of urinary microbiome analysis from 16S sequencing data	C. Villenave
Next-generation sequencing improves diagnostic 16S rRNA amplicon-based microbiota analyses of clinical samples compared to Sanger sequencing	H. Aftab
Gut microbiota and COVID19: descriptive and comparative analysis in hospitalised patients	M.-V. Mauro

Effect of prophylactic antibiotics in breast milk on the meconium microbiota and 6th month fecal microbiota of newborns born vaginally or by cesarean section	G. Kaya
Medication-induced osteonecrosis of the jaw: the role of oral microbiota and antibiotics	J. Cusato

12:00 - 13:30	Poster Area
4h. Clinical metagenomics	
Characteristics of whole genome sequencing of multi-drug-resistant clinical <i>Escherichia coli</i> O99 H30 ST38 isolated from wound infection in intensive care unit	A. Dashti
Thoughts and perspectives of metagenome sequencing as a diagnostic tool for infectious diseases: an interpretive phenomenological study	H. Trivett
Clinical metagenomics by nanopore sequencing to improve the success rate of respiratory pathogen identification	A. Rodrigues
Development of a comprehensive genomics (NGS) based test for the detection of anti-microbial resistance and sepsis	S. Thakur
Rapid detection of pathogens directly from paediatric clinical specimens using an automated amplicon-based next generation sequencing pipeline	L. Osborn
Analytical and clinical evaluation of tNGS and mNGS performance on suspected pulmonary infections in HIV patients	L. Zhang
Updated diagnostic performance of metagenomic next-generation sequencing in brain abscess	X. Zhang
Rapid pan-metagenomics: improving pneumonia diagnosis and responding swiftly to mpox outbreak.	A. Alcolea Medina
16S targeted metagenomics in the diagnosis of bone and joint infections: it's not just magic!	O. Dauwalder
Plasma cell-free DNA metagenomic sequencing in paediatric cancer patients	S. Castejon Ramirez
Prospective whole-genome sequencing in the era of precision infection prevention	R. Rosa
Assessing the diagnostic performance of cell-free DNA sequencing in routine bloodstream infection diagnostics: a retrospective single centre study of the first 300 cases	M. Parcina
Pilot study and cost-effectiveness analysis of an ultra-rapid metagenomic sequencing test for pathogen detection in adult patients with sepsis	Y. Yin
Pathogen detection by metagenomic next-generation sequencing in people living with HIV/AIDS.	D. Grimm
Diagnosing visceral leishmaniasis using the microbiome 16S/18S test	K. Rasoul
Antimicrobial resistance and pathogens detection in clinical samples through enrichment panels as a tool to detect infectious diseases in a timely manner	R. Schlager
Quality control (QC) metrics for hybrid capture-based NGS enrichment workflows	R. Schlager
NGS enrichment panels as a surveillance tool to monitor the growing burden of drug-resistance pathogens and antimicrobial resistance genes	R. Schlager
Metagenomic analysis of cell-free DNA from whole blood specimens of patients with suspected infections: performance and therapeutic impact in clinical routine	J. Held
Evaluation of decentralised <i>Salmonella</i> serovar prediction by whole genome sequencing	K. Steinke
Genetic diversity and virulence factors in <i>Escherichia coli</i> : a comparative study between neonatal sepsis, adults and environmental sources	L. Barcellini
Impact of an in-house metagenomic test for diagnostic of tropical and neglected infectious diseases: three years of experience	A. Doi
Systematic review on surveillance systems integrating whole-genome sequencing and epidemiological information worldwide, 2012-2023	F. Reichert

12:00 - 13:30	Poster Area
4i. Bioinformatics tools & pipelines	
Advancing <i>Streptococcus pneumoniae</i> capsular typing: MALDI-TOF mass spectrometry and machine learning algorithms	J. Zintgraff
Evaluation of a real-time plasmid transmission detection pipeline	N. Scherff
Using NCBI's pathogen detection system to determine the distribution of KPC-family carbapenemases in <i>Klebsiella pneumoniae</i> isolates from China and the U.S.	M. Feldgarden
Reference guided clustering for the identification of bacteria using 16S long reads	K. Dumon
Costs of an infection risk scan in a hospital	M. Van Rijen
Design of a plasmid classification workflow for local bacterial population analysis	M. Nykrýnová
Mega pipeline: an automated pipeline for easy microbial whole genome sequencing analysis	M. Finianos
Batch effect correction in MALDI-TOF spectra for microorganism classification	E. Padial Fullerat
Deciphering global patterns of antimicrobial resistance in key gram-negative pathogens using indirect predictors	S. Kotian

A comprehensive database for the direct identification of plasmid transfer genes		C. Freytag
Metagenomic sample composition explains variance in taxonomic classification performance		I. Gold Rodal
12:00 - 13:30		Poster Area
4j. Other novel diagnostic technologies		
Raman spectroscopy-based characterisation of immunocyte responses to <i>in vitro</i> stimulation with pathogen-associated molecular patterns		M. Naumann
Breath biopsy reveals promising VOC biomarkers for early detection and monitoring of acute pulmonary exacerbations in people with cystic fibrosis		H. Chou
The association of host signature based on TRAIL, IP-10, and CRP with paediatric pneumonia		S. Ramgopal
New generation table-top scanning electron microscope: a robust tool in clinical microbiology for direct specimen examination		O. Zmerli
Evaluation of Sysmex fluorescence flow cytometry analyser in rapid diagnosis of urinary tract infections		B. Irmak
Quorum sensing molecular signatures to diagnose <i>P. aeruginosa</i> infections		J. Raya
Application of AI vision for the rapid automatic counting of microbial colonies on agar		L. Xue
Evaluation of early stage implementation results of a cellular host-response test in an emergency department setting		H. O'neal
The hydrogel-based gram staining method with no wastewater		M. Kim
Neonatal sepsis diagnosis: dual assay platforms utilising aptamer-labelled electrochemical and fluorescent chips		C. Singhal
Identification of bacteria in mixed infections from urinary tract of patient's samples using Raman spectroscopy		M.-J. González Vázquez
A rapid, sensitive, and specific detection of carbapenem-resistant <i>Acinetobacter baumannii</i> by CRISPR Cas-based detection system		S. Basireddy
Detection of <i>Helicobacter pylori</i> infection in human gastric fluid through surface-enhanced Raman spectroscopy coupled with machine learning algorithms		L. Wang
12:00 - 13:30		Poster Area
10a. Host genetics: susceptibility to infection & primary immunodeficiency		
Clinical profile and outcomes in patients with melioidosis and uncontrolled diabetes mellitus (MeloDi): a retrospective cohort study from South India		N. Gupta
Single nucleotide polymorphisms in Toll-like receptors and their association with susceptibility to recurrent vulvovaginal candidiasis		M. Mavrouli
Polymorphism in <i>BoLA DRB3</i> and <i>BoLA A</i> genes lead to increased susceptibility to foot-and-mouth disease virus in vaccinated cattle		Y. Chaudhary
12:00 - 13:30		Poster Area
10b. Infections in immunocompromised hosts (incl epidemiology, clinical features, diagnosis, treatment, excl fungal infections)		
Solid organ transplantation in SARS-CoV-2 positive candidates: a survey among ESGICH members		A. Lombardi
From widespread to tailored antifungal prophylaxis in lymphoma patients treated with CD19 CAR T- cell therapy: less is better		G. Melica
Population dynamics and molecular epidemiology of <i>Staphylococcus epidermidis</i> ST2 from patients with haematological malignancies 1980-2022		R. Sieber
Torque teno virus as an indicator of infectious complications in the first year after lung transplantation: first results from Croatia		I. Mareković
Impaired T and "memory-like" NK-cell reconstitution is linked to late-onset HCMV reactivation after letermovir cessation		C.-D. Lauruschkat
Risk factors for hepatitis B reactivation and effectiveness of hepatitis B vaccination after solid organ transplantation: a matched case-control study		Y. Lee
Metagenomic next-generation sequencing of plasma cell-free DNA in clinical practice: improving infection diagnosis and antimicrobial therapy in immunocompromised patients		G. Yin

	Incidence and risk factors of cytomegalovirus reactivation after autologous stem cell transplantation: a retrospective single-centre study	G. Gentile
	Chimeric antigen receptor T cell post-infusion fever: infection profile, clinical parameters and biomarkers trends to assist antibiotic stewardship	O. Peyrony
	A prospective analysis of cytomegalovirus-specific cell-mediated immunity (CMV-CMI) in a multicentre Phase 3 randomised placebo-controlled trial of letermovir prophylaxis in CMV-seropositive recipients (R+) of an allogeneic haematopoietic cell transplant (HCT)	G. Papanicolaou
	Prophylaxis against pneumocystis pneumonia and toxoplasmosis with low-dose trimethoprim-sulfamethoxazole (cotrimoxazole 20/100mg) in heart transplant patients	A. Bleibtreu
	Clinical characteristics and prognostic factors in patients with fever of unknown origin who developed secondary haemophagocytic lymphohistiocytosis	Y. Guanmin
	The value of ^{18}F -FDG PET/CT in clinical etiological diagnosis of secondary hemophagocytic lymphohistiocytosis	Y. Guanmin
	Hyperammonemia syndrome in immunocompromised patients: a systematic review on patient populations, clinical manifestations and outcome	L. Walti
	Effectiveness of cefiderocol in immunosuppressed patients with serious Gram-negative bacterial infections in the PERSEUS study in Spain	S. Jessica
	Follow-up, diagnosis, and outcomes of fever of unknown origin cases with an erythrocyte sedimentation rate of 100 mm/h or more: an international ID-IRI study	O.-R. Sipahi
	Low pan-immune-inflammation value predicts Gram negative bacteremia-related 30-day mortality in solid organ transplant recipients	C.-M. Ayaz
	Recurrent cytomegalovirus reactivations: frequency, viral dynamic and risk factors in allogeneic stem cell transplantation	S. Dalcolmo
	Quantiferon-cytomegalovirus after allogeneic stem cell transplantation: prediction of CMV reactivation and clinically significant infection	S. Dalcolmo
	The impact of pre-transplant cultures screening on the risk of infection after kidney transplantation	M.-P. Freire
	Risk factors associated with <i>Clostridioides difficile</i> infection in the first 100-days after allogeneic hematopoietic stem cell transplantation	C. Gmehlin
	Does secondary prophylaxis prevent recurrent episodes of <i>Clostridioides difficile</i> in allogeneic transplant patients?	M.-A. Mendoza
	Norovirus in allogeneic hematopoietic stem cell transplant recipients: does nitazoxanide help?	M.-A. Mendoza
	Antibiotic resistance patterns in dialysis patients: a comprehensive epidemiological study on 1,174 strains in Occitania (France)	M. Bernier
	Kinetics and role of pancreatic stone protein as predictor of sepsis and bacteremia in children with haematological malignancies	T. Athanasios
	Clinical features, diagnostic, aetiology and outcome of hospitalised solid organ recipients with community-acquired pneumonia: a cohort analysis over ten years	O. Joean
	Secondary infections and clinical outcomes after respiratory syncytial virus (RSV) infections in heart and lung transplant recipients	M. Dumais
	Role of human cytomegalovirus (HCMV) reactivation in causing pneumonia in immunocompetent mechanically ventilated patients	C. Gupta
	Correlation of cytomegalovirus specific cell-mediated immunity (CMV CMI) with subclinical CMV DNAemia in allogeneic haematopoietic cell transplant recipients (HCT)	K. Rich
	High burden of non-serious infections during biological use for rheumatoid arthritis	B.-J.-M. Bergmans
	Burden of herpes zoster in adults aged ≥ 18 years and patients with immunodeficiencies, autoimmune diseases, and chronic conditions in Taiwan: A population-based database study	J. Chen
	Discontinuation of fluoroquinolone prophylaxis for neutropenia after bone marrow transplantation in a setting with high prevalence of multidrug-resistant pathogens	V. Castelli
	Seven versus 14 days of antibiotic treatment for acute pyelonephritis (APN) in kidney transplant recipients: a cohort study (SHOUT study)	C. Fanelli
	Exploring the utility of unsupervised machine learning for bacteraemia forecasting in neutropenic fever patients with haematological malignancies: a pilot study	A. Gallardo-Pizarro
	Adult-onset immunodeficiency due to neutralizing anti-(IFN)- γ ; autoantibodies: a syndrome that extends beyond opportunistic intracellular infections	W.-T. Tsai
	Incidence and progression of granulomatous lesions following Bacillus Calmette-Guérin immunotherapy	M.-P. Freire
	Clinical characteristics, outcomes and causative organism distribution of respiratory infection of second lung transplantation	M. Han
	Transplant-related risk factors for the development of retinitis due to cytomegalovirus in allogeneic stem cell transplant recipients: an international case-control study	R. Gueneau
	Epidemiology and clinical outcome of paediatric liver transplant recipients with multidrug-resistant gram-negative bacteria colonization: a 10-year observational study	A. Cona
	Changing seroprevalence of viral diseases among young adults in Izmir	O. Acet
	Model-informed identification of a weight-based fluconazole dosing strategy aiming for improved target attainment in critically ill patients	L. Vuong
	Risk of serious infections in patients treated with biological disease modifying anti-rheumatoid drugs (b-DMARDs) in Qatar	S. Sasi
	Toward improved monitoring the cellular immune response against cytomegalovirus in transplants recipients: comparative analysis of ELISA-QuantiFERON-CMV and CLIA-LIAISON-QuantiFERON-TB Gold Plus	M. Arnedo Muñoz

	Previous infection with resistant organisms may not predispose to surgical site infection following liver transplantation: a retrospective cohort study	S. Shalhoub
	A robust SARS-CoV-2-specific T and B cell response is associated with early viral clearance in SARS-CoV-2 Omicron infected immunocompromised individuals	M. Vergouwe
	Pre-emptive management of Epstein-Barr virus infection to prevent post-transplant lymphoproliferative disorders after paediatric kidney transplantation	M. De Luca
	Uptake and yield of immunological investigation in patients with invasive infections with encapsulated bacteria: high yield and missed opportunities	M.-C. Gil Merino
	Secondary anti-viral prophylaxis in solid organ transplant recipients for the prevention of CMV relapse: a systematic review and meta-analysis	D. Moynan
	Strongyloides stercoralis westernblot for serologic screening of solid organ transplant candidates	A. Oberli
	Infectious risk stratification expands the solid organ donors pool: activity of the Italian national transplant centre in 2022-2023	E. Graziano
	Herpes simplex virus prophylaxis in adult patients undergoing haematopoietic stem cell transplantation	A. Aldairem
	Pseudomonas aeruginosa bloodstream infections presenting with septic shock in neutropenic cancer patients	C. Royo-Cebrecos
	Efficacy of extended infusion of β -lactam antibiotics for the treatment of febrile neutropenia in hematologic patients: a randomised, multicentre, open-label, superiority clinical trial (BEATLE)	J. Laporte-Amargos
	Tobramycin systemic absorption in lung transplant recipients treated with inhaled tobramycin: a cohort study	A. Sempere
	Real-world utilisation of maribavir for cytomegalovirus infection in transplant recipients	K. Marsh
	Real-world single centre analysis of virological response to third-party CMV-specific T cell lymphocyte (CTL) for refractory CMV infection following allogeneic haematopoietic cell therapy (HCT)	M. Yong
	Infection risk in relapsed refractory multiple myeloma: The impact of BCMA-targeted bispecific antibody therapy	J. Little
	Therapeutic drug monitoring of piperacillin in patients with neutropenic fever after allogeneic hematopoietic stem cell transplantation	G. Surat
	Early viral suppression less likely among solid organ transplant recipients with drug-resistant cytomegalovirus infection	A. Hunt
	Pneumonia and bloodstream infections during intensive care unit stay after heart transplant	R. Minucci
	Filmarray pneumonia panel plus vs standard culture in lung transplant recipients: preliminary results of the PNEUMOARRAY STUDY	G. Renisi
	Ribavirin treatment for respiratory syncytial virus infection in patients with haematologic malignancy and haematopoietic stem cell transplant: single center experience	A. Ricciardi
	Human herpesvirus 8 infection in solid organ transplant recipients: results of the implementation of a protocol for risk stratification and early treatment of HHV8-related disease	A. Cona
	Multiparameter mass spectrometry deciphers specific circulating natural killer T cell subsets protecting kidney transplant patients from CMV infection	L. Donadeu
	Colonisation resistance to carbapenem-resistant Pseudomonas aeruginosa in acute myeloid leukemia patients in induction, consolidation, and relapse/refractory phases	X. Feng
	Incidence of infections in patients with acute myeloid leukemia during remission induction chemotherapy: a monocentric retrospective analysis of 78 patients	S. Ehrlich
	Risk factors and clinical characteristics of CMV reactivation in allogeneic hematopoietic stem cell transplant recipients	S. Frigui
	Ceftazidime/avibactam for the treatment of bloodstream infection due to carbapenem-resistant Enterobacterales in onco-hematologic neutropenic patients: A real-life experience (TARZAN study)	E. Sastre-Escolà
	Going with the STREAM: a quality improvement intervention in solid organ transplantation	A. Visentin
	High incidence of breakthrough viremia in lung transplant recipients despite valganciclovir prophylaxis: a retrospective analysis	E. Márquez Algaba
	Efficacy of oral fosfomycin trometamol as empirical therapy for acute cystitis in kidney transplant recipients: an open-label randomised controlled trial	P. Phoompoung
	Cytomegalovirus disease in children after allogeneic hematopoietic stem cell transplantation	S. Frigui
	Exploring the impact of a targeted antibiotic prophylaxis in orthotopic liver transplant recipients colonised by carbapenem-resistant Enterobacterales: a multicentre retrospective study	B. Miani
	Higher bacterial profile and antibiotic resistance pattern of sepsis among adult Human Immunodeficiency Virus (HIV) – infected patients assessing care in a Nigerian tertiary hospital	C. Umenzekwe
	Hospitalisation status at the time of organ acceptance and its impact to bloodstream infections	J. Simkins
	Should the QuantiFERON-CMV cut-off point be modified in order to predict risk of CMV replication in solid organ transplant recipients? QuantiCor-CMV study	E. Ruiz Arabí

12:00 - 13:30

Poster Area

10c. General vaccinology (incl.in vitro and in vivo studies, policy, social aspects)

Driving uptake of missed routine vaccines in adult migrants to Europe: a prospective observational pilot study in primary care	S. Hargreaves
Defining the role of primary care in hepatitis B elimination in the UK	J. Carter
Lessons learned from national COVID-19 testing strategies in Germany: a qualitative study of key stakeholder perspectives	K. Skipiol
Vaccination coverage and barriers and facilitators to vaccine uptake amongst migrant populations in the Middle East and North Africa: a systematic review and qualitative study	B. Oumnia
Impact of vaccine tolerability on shingles vaccine decision-making	G. De La Rosa
Antibody response and decay following COVID-19 inactivated vaccine in adults and its influencing factors	S. Jieyu
Assessing vaccine recommendations and attitudes towards vaccination among people living with HIV	O. Acet
Barriers and facilitators for receiving mpox vaccines among men who have sex with men: a mixed-methods study	T.-H. Kwan
Older adult and physician preferences for respiratory syncytial virus vaccination in Germany and Italy: a discrete choice experiment	A. Marijam
Myths and misinformation associated with vaccine incompleteness: a survey study	L. Kallás Silva
What is the number of missed opportunities for pneumococcal vaccination among at-risk adults in France?	E. Botelho-Nevers
Investigating vaccine coverage in Timor-Leste in a population-representative serological survey	P. Arkell
Maximizing LGBTQ+ vaccination adherence: counseling impact in the mpox epidemic	F. Stella

12:00 - 13:30

Poster Area

10d. Antiviral vaccines (excl influenza, respiratory and bloodborne viruses and COVID-19)

Patient preferences towards herpes zoster vaccination among adults aged 50 to 64 years in Australia: findings from a discrete choice experiment	R. Parikh
Can receipt of the HPV vaccine increase recommendation for HPV vaccine?	A.-K. Mascarenhas
Mice mucosal immunisation with vaccine vector <i>Streptococcus gordonii</i> expressing the RBD of SARS-CoV-2 spike protein elicits antigen-specific systemic immune response with persistent long-lived plasma cells	M. Tirziu
Measles vaccine RNA shedding in children after receiving measles, mumps and rubella vaccination	H. Wang
BNT162b2 vaccine is well tolerated and efficient in children with acute leukemia	F. Alby-Laurent
Safety and immunogenicity of fractional doses of modified vaccinia Ankara-Bavarian nordic	S. Frey
The willingness of physicians and nurses to receive mpox vaccine at a tertiary-care educational university hospital: a cross-sectional study	O.-R. Sipahi
Long-term immunity of yellow fever vaccination: a systematic review and meta-analysis	J.-L. Schnyder
Knowledge and attitudes regarding human papillomavirus (HPV) infection and vaccine among university students: a cross-sectional study	C. Elias
Assessment of retrospective measles serology based on routine vaccination and natural immunity status: is vaccination insufficient?	A.-G. Akçay
Cost-effectiveness of the herpes zoster vaccine in Korea	W.-S. Choi
Development of a high-throughput screening pipeline to identify candidate antivirals against mpox virus	W. Chiu
Subcutaneous versus intradermal routes of administration of MVA-BN vaccine	V. Mazzotta
Assessment of post-vaccination specific T-cell responses to varicella zoster virus glycoprotein E in people with multiple sclerosis receiving disease-modifying therapies	M. Iannetta
Development of bipolymer-based novel nanoparticles in microsphere system as vaccine adjuvant	V. Bhargava

12:00 - 13:30

Poster Area

10e. Antibacterial vaccines

<i>S. pneumoniae</i> serotypes causing invasive pneumococcal disease after the introduction of the 13-valent pneumococcal conjugate vaccine in Navarra, Spain	I. Arregui Garcia
Sequential versus simultaneous pneumococcal vaccination with the 13-valent conjugate vaccine (PCV13) and the 23-valent polysaccharide vaccine (PPSV23) in unvaccinated older adults: a randomised controlled trial on serotype-specific memory B-cell and humoral immune response	C. Bahrs

A novel recombinant adenovirus-based vector vaccine for plague tested in a Phase 1b trial in Uganda, appears safe and immunogenic	A.-S.-V. Stuart
Evaluation of antibody response before and after meningococcal vaccine and determination meningococcal carriage rates	D. Baskol Elik
Exploring the pre- and post-functional immune response of 23-valent pneumococcal polysaccharide vaccine in Indian Adults	S. Dharmavaram
A bacterial vaccine composition against recurrent urinary tract infections stimulates the innate immune system	R. Nau
Estimating the health and economic burden of pneumococcal diseases attributable to V116 Vs. PCV20 serotypes among adults in the Netherlands	Z. Yi
Estimating the health and economic burden of pneumococcal diseases attributable to V116 vs PCV20 serotypes among adults in Sweden	Z. Yi
Serotype distribution of invasive disease-causing <i>Streptococcus pneumoniae</i> after 13 years of systematic vaccination	P.-M. Juiz González
A multi-epitope protein composed of PcrV and OmpE virulence factors from <i>Pseudomonas aeruginosa</i> induces protective immunity against respiratory tract infection	M. Asadikaram
Low pneumococcal vaccination coverage in France: would a vaccination in the 65+ would help identifying at-risk population?	B. Wyplosz
Safety and immunogenicity of Vi-diphtheria toxoid typhoid conjugate vaccine among children below two years: a systematic review and meta-analysis	A.-J. Rodriguez-Morales
<i>In vivo</i> evaluation of a novel multiepitope vaccine against uropathogenic <i>Escherichia coli</i>	M. Rezaei
Using immunobioinformatic tools to design a multiepitope subunit vaccine against <i>Klebsiella pneumoniae</i>	Z. Abbasnezhad Farsangi
Aetiology of acute otitis media in children: impact of vaccination and SARS-CoV-2 pandemic	L. Fernandez Delgado
Updating anti-pneumococcal vaccination coverages among adults in Catalonia before COVID19 pandemic era	C. De Diego-Cabanes
Deep intraclonal analysis for development of multivalent vaccines against drug resistant <i>Klebsiella pneumoniae</i> lineages	A. Tajuelo Moreno-Palancas
Invasive pneumococcal disease in adults after the introduction of pneumococcal vaccination: a retrospective study in the metropolitan area of Zagreb, Croatia (2010–2022)	K. Draženovic
One- or Two-dose of 13-valent conjugated pneumococcal vaccine (PCV13) for patients with multiple myeloma (MM)	H.-Y. Sun
Effect of introduction of MenACWY vaccination on circulating <i>Neisseria meningitidis</i> carriage strains in the Netherlands	R. Mariman
Breakthrough rectal gonorrhoea after meningococcus B vaccination: microbiologic and clinical characteristics	A.-R. Raccagni
Did you get your shot? A prospective study on recommended vaccination coverage in older adults in Greece	E. Doumouliaka

12:00 - 13:30

Poster Area

10f. Other preventive modalities (incl new vaccine technologies, antibody-based treatments)

Highly-neutralising anti-PcrV antibodies as clinical candidates against <i>Pseudomonas aeruginosa</i>	J. Rybniker
Immune effects of membrane vesicle on elimination of pneumococcal colonisation in the nasopharynx	S. Kimura
Repurposing daratumumab for patients with anti-interferon-gamma autoantibodies: a case series.	T. Ming-Tao
The safety and efficacy of guluronic acid (G2013) in ankylosin spondylitis: a randomised controlled parallel clinical trial	S. Nazeri
A novel physical inactivation method based on high hydrostatic pressure for the production of whole inactivated virus vaccines	M. Brandolini
Development of a plasmidic DNA vaccine platform: from in silico design to <i>in vivo</i> testing	S. Prieto Martin Gil
Development of a novel chikungunya self-amplifying RNA vaccine platform	K. Polra
Murine monoclonal antibodies against secreted <i>Staphylococcus aureus</i> prothrombin-activating virulence factors induce macrophage opsonophagocytosis	T. Wong
Intravenous immunoglobulins (IVIG) inhibit <i>Streptococcus pneumoniae</i> -induced macrophage activation and death <i>in vitro</i> , but lack beneficial effects in a mouse meningitis model <i>in vivo</i>	S. Dyckhoff-Shen
Opsonic IgG2a and IgG2b monoclonal antibodies targeting HSP16.3 and peptidoglycan cell wall components recognise and effectively bind to clinical strains of <i>Mycobacterium tuberculosis</i>	B.-A. Shey
<i>In vitro</i> models to assess auto-Abs neutralizing the protective effect of type I IFNs against WNV infection	A. Ferrari

10g. Immune response to infection (incl in vitro, animal and human studies, laboratory assessment of immunity and response, excl sepsis biomarkers)

Different cytokines responses after treatment with benzathine penicillin in patients with syphilis primary infection or reinfection	H.-C. Tsai
Biological effect of cell-free DNA extracted from septic mice <i>in vitro</i> , <i>in vivo</i> and its mechanism	H. Lee
Host-pathogen interactions: <i>Galleria mellonella</i> - <i>Candida albicans</i> infection model to study the virulence and efficacy of antifungal drugs	M.-A. Esparza Mora
Distinct clinical characteristics and cerebrospinal fluid tissue-based assay staining pattern between infectious and autoimmune encephalitis: IMPROVE trial study (2022-01)	K. Lin
Evaluation of the local and the peripheral immune response in patients with cystic echinococcosis	L. Petrone
The impact of interferon lambda polymorphisms on influenza vaccine responses in treated HIV	R. Mac Cann
Pgm-1 contributed to macrophage function in murine pneumococcal meningitis	R. Koning
AIM impact on immune checkpoints in <i>Mycobacterium avium</i> infection	C. Kajiwara
Accuracy of a host response test for diagnosis of bacterial and viral infections and prediction of illness severity	O. Liesenfeld
Decreased intracellular killing of <i>Escherichia coli</i> by blood phagocytes from <i>Clostridioides difficile</i> -infected patients	R. Nau
CRP velocity as a biomarker for bacterial virulence	T. Levinson
Influence of parasitic infections on clinical outcomes in patients with tuberculosis and their contacts	A. Yeboah
Investigation of baseline functional antibody immune response to 23 pneumococcal vaccine serotypes in Indian healthy Naïve adults	S. Dharmavaram
Immune checkpoint inhibitor therapy restores neutrophil response against <i>Candida albicans</i> in patients with malignancy	A. Apostolopoulou
Study of the lung protective immunomodulation induced by <i>Streptococcus mitis</i> in pulmonary colonised mice	C. Lemaigre
Potential of a host-response diagnostic test for differentiating bacterial from viral infections to improve the lower respiratory tract infections care pathway in the NHS: a qualitative evaluation.	S. Graziadio
Interferon-gamma responses to <i>Chlamydia trachomatis</i> vaccine candidate antigens and relation to infection outcomes in women	W. Geisler
Establishment of flow cytometry-based opsonophagocytosis assay: an efficient platform for assessing of functional antibodies against <i>Streptococcus pneumoniae</i>	S. Dharmavaram
Estradiol and progesterone modulate expression of Toll-like receptors (TLRs) in peripheral blood cells infected by HIV-1 subtypes G and A	M. Nosik
UL44 protein as a potential candidate for a vaccine against <i>Cytomegalovirus</i>	C. Serrano Rísquez
Differential host immune response during malarial and bacterial acute febrile illness: circulating inflammatory markers and extracellular vesicles	N. Tiberti
Immunomodulatory activity of omadacycline <i>in vitro</i> and in a murine model of acute lung injury (ALI)	M. Sanders
Gammaherpes virus infection impact monocyte development and functional programming	A. Poncelet
Zebrafish as a model for <i>Staphylococcus aureus</i> infection treatment and immune response	C. Volk
A potential biomarker in symptomatic West-Nile virus (WNV) infections: monocyte CD169 (mCD169) expression in peripheral blood	C. Massimo
Cysteamine as a host-directed therapy for tuberculosis: first in vitro assessment of the immunomodulatory effects	S. Najafi-Fard
The tricarboxylic acid cycle regulates fibroblast-driven tissue remodelling during <i>Mycobacterium tuberculosis</i> infection	R. Cusman
Cytokine Patterns in 250 Patients with Alveolar Echinococcosis	L. Peters
Real-world Impact of MeMed BV, a rapid host response test for distinguishing bacterial and viral infections, in an urgent care network	S. Shapiro Ben David
Role of cmv-IL-10 in a HCMV-Aspergillus-Co-infection model	L. Bussemer
Adverse events following immunization with fractional one-fifth and one-half doses of yellow fever vaccine compared to full dose in children 9–23 months old in Uganda — preliminary report	E. Twinomuhwezi
SeptiCyte rapid, a new biomarker for the diagnosis of ventilator-associated pneumonia in polytrauma patients	L. Neutre
Varicella zoster virus antibody titer is not a good marker of the clinical protection driven by chickenpox vaccine	L. Forqué Rodríguez
Implications of ageing on cancer immunotherapy treatment using mycobacteria	P. Herrero-Abadía

12:00 - 14:00		Meeting Room 8.40
UEMS MM Exam Working Group		Meeting host B. Boyle Meeting participant E. Cambau T.-M. Leegaard
12:15 - 13:15		Arena 1
Diagnostics The Diagnostics Pipeline Corner offers small, innovative pharmaceutical companies a platform to present their early-stage diagnostics technologies in development to a wider audience.		Moderator T.-T. Bachmann
EfA Technologies		E. Yoel
UTI-lyzer		S. Bertling
Phenutest		J. Srijan
Microplate		S. Hannah
Molsid		
12:15 - 13:15		Arena 2
Publishing in CM/ID: continuing challenges In recent years, the number of scientific journals that publish articles on infectious diseases and/or clinical microbiology has increased. Only limited guidance is available to investigators to select the best destination for their work. In this session, speakers will discuss issues related to publishing in ID/CM with a specific focus on Society journals. This session is especially timely with the rise of predatory and semi-predatory journals and will provide to the audience with an overview of the current landscape of options in ID/CM publishing and the role of society journals in this process.		Chair P. Malani
12:15	Caveat author: (semi-) predatory journals in CM/ID	L. Leibovici
12:30	Selecting the best journal: looking beyond impact factor	C. Arias
12:45	Pathways to overcome intersectoral disadvantage in scientific publication	E.-K. Gudina
13:00	The role of qualitative research in infectious diseases	D. Van Den Bergh
12:15 - 13:15		Arena 4
Research barriers and enablers in CM/ID Despite infectious diseases being one of the topmost causes of morbidity and mortality in low- and middle-income countries (LMICs), researchers from these locations do not feature prominently in high impact journals. The ultimate goal is to identify barriers and then develop strategies that will allow for more representation in this field. International collaborations and investment in countries rich in talent but limited in resources can significantly expand the scope, quality, quantity, and acknowledgement of science in both the supporting and recipient countries. The European Health Data Space could have a transformative effect on the healthcare and research sectors by facilitating health data sharing and use for primary and secondary purposes.		Chair A.-M. Sonnevend
12:15	The European Data Health Space	M. Meijer
12:30	Inter-continental collaborations: the Brazilian Pasteur experience	M. Rodrigues
12:45	Overcoming language barriers in research: a double jeopardy	A. Mahboob
13:00	Barriers in training for quality research	I. Orabueze
12:15 - 13:15		Fireplace area
Fireplace: Redefining sepsis: past and future		Chairs A.-W. Friedrich E. Tacconelli M. Singer

12:15 - 13:15		Hall L
Advancements in COVID-19 prevention: passive immunisation for high-risk immunocompromised patients		ESCMID-appointed chair Y. Keynan
People with immunocompromising conditions can have inadequate immune responses to vaccination, potentially putting them at an increased risk of severe COVID-19 outcomes. This session will highlight recent data from large population-based studies demonstrating the disproportionate burden of COVID-19 among different immunocompromised populations, identifying patient characteristics associated with heightened risk. The faculty will then explore the potential of passive immunisation with next-generation monoclonal antibodies to reduce this risk, independent of the recipient's immune status and in a heterogenous variant landscape.		
12:15	Welcome and Introduction	Y. Keynan
12:20	Unmasking COVID-19 risk in immunocompromised populations	P. Loubet
12:40	Innovation in COVID-19 protection for immunocompromised populations	M. Boffito
13:00	Panel Discussion and Q&A	Y. Keynan

12:15 - 13:15		Hall N
A multi-dimensional perspective on the adult burden of respiratory illness and how mRNA science is playing a role		Chair F. Martinon-Torres ESCMID-appointed chair L. Kaiser
The aim of this symposium is to bring together key experts from varying specialties to discuss COVID, flu, RSV, and the burden of these diseases from their diverse perspectives. The mRNA platform and its potential to address complex issues in disease prevention and treatment will also be discussed.		
12:15	Welcome and Introduction	L. Kaiser F. Martinon-Torres
12:25	Clinical impact of respiratory viral infections in adults	S. Maggi A. Osterhaus
12:55	mRNA platform and its applications	A. Carfi
13:05	Panel Discussion and Q&A	L. Kaiser F. Martinon-Torres

12:15 - 13:15		Hall O
Evolution of respiratory syndromic testing post-COVID-19 pandemic: the significance of point-of-care molecular testing		Chair F. Caccuri ESCMID-appointed chair K. Templeton
We will explore a new era in respiratory syndromic testing, focusing on the introduction of a point-of-care RT-PCR platform. Delving into its effectiveness, we will discuss how this technology differentiates between respiratory viruses like influenza, RSV, and SARS-CoV-2. Concluding with insights from clinical studies, we will compare commercially available confirmatory tests, providing a comprehensive overview of this innovative diagnostic approach.		
12:15	Welcome and Introduction	F. Caccuri K. Templeton
12:20	Prospective comparative between routine PCR system and a new RT-PCR modular system for rapid detection	N. Jordi
12:45	Point-of-care PCR for detection of SARS-CoV-2, influenza A and B viruses, and respiratory syncytial virus	Y.-F. Chan
13:10	Panel Discussion and Q&A	F. Caccuri K. Templeton

12:15 - 13:15		Hall P
The clock is ticking: crucial first steps towards early appropriate treatment of MDR Gram-negative infections		Chair D. Van Duin ESCMID-appointed chair S. Pournaras
When patient care becomes complicated and there is suspicion of a multidrug-resistant (MDR) Gram-negative bacterial infection, time becomes a precious commodity – acting early with appropriate treatment is vital. This session will review the crucial first steps to 'getting it right the first time' and the pivotal role that infectious disease specialists and microbiologists play in improving patient outcomes. Our expert faculty, who reflect the key members of the multidisciplinary team, will discuss the available tools that support the early identification of at-risk patients. They will also review the wealth of real-world data		

available and share how this evidence can guide healthcare decisions and the management of severe infections caused by difficult-to-treat pathogens.		
12:15	Welcome and Introduction: How important are the first steps in managing MDR Gram-negative bacterial infections?	D. Van Duin S. Pourmaras
12:20	Early recognition of risk factors	P. Ramirez
12:30	Under and beyond the lens	S. Stefani
12:45	Initial treatment choices when an MDR Gram-negative bacterial infection is suspected/involved	A. Omrani
13:05	Panel Discussion and Q&A: Considerations that may impact patient, healthcare and societal outcomes today and tomorrow	D. Van Duin S. Pourmaras
12:30 - 13:30		Meeting Room 8.33
EUCAST AFST Subcommittee		Meeting participant M.-C. Arendrup C. Giske J. Guinea G. Kahlmeter J. Meletiadis
12:30 - 13:30		Meeting Room 8.45
ESCMID / WHO meeting		Meeting participant S. Brüderli A. Pirosa R. Skov A. Zinkernagel
13:30 - 13:50		Innovation Theater
Stewardship-guided T2MR testing - Prognostic role and clinical implications of culture-independent systems in patients with bloodstream infections		
13:30	Stewardship-guided T2MR testing - Prognostic role and clinical implications of culture-independent systems in patients with bloodstream infections	T. Clodi-Seitz
13:30 - 14:30		Arena 1
The alphabet of hepatitis viruses		Chair K. Lacombe Reserve chair
13:30	Outcomes of hospitalisations for acute hepatitis A in France: a 10-year nationwide study	A.-M. Roque-Afonso
13:36	Genotype IIIA takes centre stage: clinical and virological perspectives of hepatitis A virus infection	M. Grover
13:42	Virologic non-response with bulevirtide treatment is not associated with viral resistance or NTCP polymorphisms at week 96	G.-M. Chee
13:48	Cost-effectiveness of Hepatitis B screening with and without facilitators for linkage to care and treatment among immigrants living in a low HBV endemic country	A. Fournier
13:54	Addressing hepatitis C transmission risks: insights from Finnish prisons on injecting drug use, preventive measures, and access to treatment	C. Gonzalez Perez
14:00	Interventions for controlling hepatitis C and other infectious diseases in a Luxembourg prison: a 12-year retrospective study (2010-2021)	P. Braquet
14:06	Cooking up solutions: hepatitis E virus inactivation in pork meat products	T. Locus
14:12	High prevalence of rat hepatitis E virus after molecular diagnosis optimisation	J. Caballero Gómez
14:18	Analysis of IgG and IgM specific epitope signatures in chronic HEV infection	T. Schwarz
13:30 - 14:30		Arena 2
Hot topics in the spread of resistant non-fermenters		Chair

		E. Carrara Reserve chair
13:30	Multi-omics, multi assay analysis of evolved resistance to ceftazidime-avibactam in <i>Pseudomonas aeruginosa</i> , compared to meropenem resistance and co-resistance evolution	B. Babouee Flury
13:36	Resistance mechanisms involved in cefiderocol resistance in French <i>Pseudomonas aeruginosa</i> clinical isolates	K. Jeannot
13:42	Complex pathways to ceftolozane/tazobactam resistance in clinical <i>Pseudomonas aeruginosa</i> isolates: a genomic epidemiology study	H.-A. Nguyen
13:48	<i>Acanthamoeba castellanii</i> can facilitate plasmid transfer between environmental <i>Pseudomonas</i> spp.	M. Sarink
13:54	Phenotypic characterisation of biofilm formation and motility in the clinical isolates of <i>Acinetobacter baumannii</i>	P. Yadav
14:00	Prevalence of carbapenem-resistant Enterobacterales, <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> in four European countries	G. Boland
14:06	Risk factors for carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB) infections in critically ill patients with previous CRAB colonisation: proposal for a clinical predictive score	F. Cogliati Dezza
14:12	Risk factors for bloodstream infections by carbapenem-resistant <i>Acinetobacter baumannii</i> in patients with colonisation by the same organism: a prospective observational study	G. Tiseo
14:18	Risk factors associated with bloodstream infections caused by <i>Acinetobacter baumannii</i> : a systematic review and meta-analysis	E. Magrini

13:30 - 14:30	Arena 3
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Emerging concepts in resistance: the case of <i>Neisseria gonorrhoeae</i>		Chair A. Nasim Reserve chair
13:30	Resistant <i>Neisseria gonorrhoeae</i> is on the rise in Switzerland	F. Wehrli
13:36	Epidemiology of resistance of <i>Neisseria gonorrhoeae</i> to azithromycin and extended-spectrum cephalosporins in Vietnam, 2019-2021	T.-T. Nguyen
13:42	Molecular detection of <i>Neisseria gonorrhoeae</i> resistance in a Berlin MSM cohort	R. Ehret
13:48	Variability in antibiotic susceptibility and genomic of <i>Neisseria gonorrhoeae</i> in three periods in a tertiary hospital in Madrid	E. Torrecilla-Sadaba
13:54	Ongoing transmission of antimicrobial resistant <i>Neisseria gonorrhoeae</i> in the Valencian Region, Spain: a genomic surveillance study	L. Sánchez-Busó
14:00	Gonococcal isolation network and surveillance results in Korea	K.-H. Roh
14:06	Disturbing trends in antimicrobial resistance patterns of <i>Neisseria gonorrhoeae</i> from across the Indian subcontinent: time to reflect	D. Sharma
14:12	Resistance and multiantigen sequence types diversity of <i>Neisseria gonorrhoeae</i> in Lleida (Spain)	A. Cumplido Portillo
14:18	Molecular characterisation of clinical <i>Neisseria gonorrhoeae</i> strains with different resistance determinants to current therapeutic agents	S. Lopez

13:30 - 14:30	Hall A
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Year in Infection Control		Chairs S. Tsiodras M.-C. Vos
The "Year in.." sessions are very well-attended 1-hour Symposia during which two speakers present a common review of the recent literature on the topic. ECCMID 2024 will feature 4 "Year in.." sessions: Infectious Diseases, Clinical Microbiology, Infection Control and Public Health.		
13:30		S.-J. Harbarth
14:00		E. Presterl

13:30 - 14:30	Hall B
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Treatment of infective endocarditis: back to the future		
The dogma that intravenous (IV)-only therapy for infective endocarditis is necessary has been overturned recently by prospective randomised studies. Nevertheless, practitioners in many clinical settings remain refractory to adopting these changes. In this session you will move beyond history of eminent opinion-based medicine of oral treatment and end up into the era of evidenced-based medicine. The new evidence and critical points of the studies to date will be discussed as well.		
13:30		M.-M. Pries-Heje

14:00	E. Athan
13:30 - 14:30	Hall C
Vaccine preventable diseases in the immunocompromised host: new developments ICH hosts require close attention to vaccine status in the setting of transplantation where pre- and post-transplantation vaccinations can reduce infection risk. At the same time their ability to respond to vaccines early after transplant is limited, and live vaccines cannot be administered. Vaccine uptake amongst these patients globally is poor, likely due to lack of systemic efforts to provide vaccinations in a timely fashion. This session will discuss evidence for a pre-immune suppression assessment and vaccination clinic, its impact and the practicalities of implementing such a clinic. Scheduling of vaccines in SOT and HCT recipients considering their profile of immune suppression will also be discussed. An update on where new vaccines and vaccine alternative approaches such as monoclonal antibodies fit into the prevention landscape is provided. The benefits of these approaches and which patient groups should be targeted for these new vaccines and antibody therapies are discussed	Chairs O. Epaulard C. Van Delden
13:30	Strategies to enhance vaccination uptake in immunocompromised patients
14:00	The role of monoclonal antibodies in preventing infection
	B. Teh
	N. Halasa
13:30 - 14:30	Hall D
Bacteraemia and antimicrobial resistance surveillance among vulnerable children Vulnerable children are at a high risk of poor outcomes following infection, especially if caused by resistant bacteria. There are limited data on aetiology and antimicrobial resistance patterns of bacterial pathogens causing sepsis among neonates/young infants and severely malnourished children in developing countries. This session aims to discuss the current surveillance research on the causes of serious invasive infection among vulnerable children and characterisation of antimicrobial susceptibility profiles. The session will include discussion of diagnostic methods used for surveillance, analysis of the colonising resistome, and assessment of the relationship between the invasive and colonising/environmental bacteria.	Chairs S. Al-Abri J.-A. Bielicki
13:30	Carriage of antimicrobial resistance amongst hospitalised children in Africa
14:00	Neonatal bacteraemia and antimicrobial resistance surveillance
	K. Samuel
	P. Williams
13:30 - 14:30	Hall E
Epidemiology and prevention of mpox	Chairs T.-K. Fischer J. Garau Reserve chair
13:30	Decoding mpox: a systematic review and meta-analysis of the transmission and severity parameters of the 2022-23 global outbreak
13:42	Seroprevalence of mpox among sexual contacts in England 2022-23: the PRIME study
13:54	Humoral immune response until six months after two doses of MVA-BN vaccine
14:06	Mpox-specific antibodies wane within one year after MVA-BN vaccination
14:18	Adverse reactions following the intradermal vaccination with Jynneos for mpox, South Korea
	C.-.-R. Diaz Brochero
	A. Atti
	L.-B. Luong Nguyen
	M.-C. Shamier
	S.-Y. Lim
13:30 - 14:30	Hall G
Microbiota: the young, the old and the non-human	Chair A.-F. Wendel Invited chair Reserve chair
13:30	Combination of molecular analysis with imaging of the microbiome: visualisation and spatial distribution of microorganisms in infectious disease
13:42	Enhanced supply of beneficial microbiota from maternal milk for preterm newborns through a milk personalisation process
13:54	Changes in the gut microbiome in patients with irritable bowel syndrome following faecal microbiota transplantation with material mixed from multiple healthy donors
14:06	Mycobiota and microbiota using shotgun metagenomics in a One Health perspective
	J. Kikhney
	H. Kamdougha
	O. Cinek
	C. Angebault

14:18	Specific bacterial signatures in the microbiome are associated with decolonisation of carbapenemase-producing Enterobacterales during fecal microbiota transplantation 	B. Davido
13:30 - 14:30		Hall H
How genomics inform infection prevention		Chairs A.-W. Friedrich T. Seemann Reserve chair
13:30	Detecting, mapping, and suppressing the spread of a decade-long nosocomial outbreak with genomics	W. Stribling
13:42	Improving early detection of VRE transmission: a regional, multicentre approach using whole genome sequencing	D. Engelen
13:54	Adaptive laboratory evolution and elucidation of alcohol tolerant Enterococcus faecium strains	X. Wu
14:06	Clonal transmission dynamics of Pseudomonas aeruginosa bloodstream infections based on whole genome sequencing: an international multicentre study	J. Karlsson Valik
14:18	Prospective whole genome sequencing reveals anatomic-environmental exchange of MDROs during hospitalisation	B. Kelly

13:30 - 14:30		Hall J
Hot topics in Pseudomonas pathophysiology		Chairs J.-P. Horcajada V. Saegeman Invited chair Reserve chair
13:30	Nutrients in the infectious microenvironment impact Pseudomonas aeruginosa antibiotic sensitivity and resistance development	M. Kok
13:42	Pseudomonas aeruginosa resistance to phage infection impacts innate immune response but does not affect the metabolic potential of the bacterial population	Z. Drulis-Kawa
13:54	Modelling the host-pathogen interaction in the lung: insights from an organoid infection model	P. Grubwieser
14:06	Interspecies interactions of cystic fibrosis-associated pathogens alter antibiotic pharmacodynamics	A. Koumans
14:18	Efficacy of cefiderocol alone and combined with colistin against biofilms by MDR/XDR Pseudomonas aeruginosa: a dynamic study	C. El Haj

13:30 - 14:30		Hall K
Shedding light on schistosomiasis: diagnostic and clinical perspectives		Chairs E. Bottieau K. Morch Reserve chair
13:30	Consensus on key definitions in human travel-related schistosomiasis: a GeoSentinel and TropNet Delphi study	F. Tamarozzi
13:42	A novel automated smartphone application system for urogenital schistosomiasis diagnosis by using artificial intelligence tools and a universal low-cost robotised microscope	C. Rubio Maturana
13:54	Usefulness of molecular techniques for the diagnosis of imported urogenital schistosomiasis	P. Martínez Vallejo
14:06	Female genital schistosomiasis in non-endemic areas, a European perspective on a neglected tropical disease	H. Rafferty
14:18	Urinary Schistosoma haematobium cases at the Hospital for Tropical Diseases, London 1998-2018: pragmatic follow-up recommendations for non-endemic settings	C. Warrell

13:30 - 14:30		Meeting Room 8.32 (Hall 8.1 - CC8 upper floor)
Anaerobic Infections Study Group open meeting		Meeting host M. Buhl Y. Dumont S. Jeverica
The official open business meeting for the ESCMID Study Group for Anaerobic Infections (ESGAI). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		

13:30 - 14:30

Meeting Room Munich
(Hall 8.0)

Fungal Infection Study Group open meeting

The official open business meeting for the ESCMID Fungal Infection Study Group (EFISG). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

Meeting host

A. Alastruey-Izquierdo
A. Chowdhary
S. Delliere
A.-H. Groll
F. Lanternier
P.-L. White

13:30 - 15:30

Hall I

New strategies to treat infectious diseases

The spread of antimicrobial resistance results in antibiotic inefficiency against MDR bacterial strains and alternative treatment to current antibiotics must be investigated. The objective of this session would be to present alternative strategies to develop antibiotic and non-antibiotic antimicrobial treatments. This session will focus on the most important achievements and insights in this domain (oxidative stress producing antibiotics, micro-RNAs antimicrobial treatments or approaches that deliver CRISPR/Cas systems). The session will also explore the current knowledge on the biological activity of AMPs and their synthetic mimetics and their molecular mechanism of action. Furthermore, it will present and discuss strategies to enhance the effectivity of current antibiotics, and how different evolutionary pathways of pathogens potentially offer novel treatment options.

Chairs

A. Batra
P. Fineran

13:30 Innovative genetic engineering strategies to achieve antibacterial activity

S. Bigot

14:00 Natural antimicrobial peptides and their synthetic derivatives as an alternative to conventional antibiotics

C. Bozkurt Güzel

14:30 Monoclonal antibodies to treat infections

B. Fries

15:00 How to improve sequential antibiotic therapy using evolutionary principles

H. Schulenburg

13:30 - 15:30

Hall L

A patient-centric approach to managing CR *Pseudomonas aeruginosa* infections: the role of cefiderocol in overcoming resistance to beta-lactamase inhibitor combinations

Within the evolving landscape of antimicrobial resistance, this session will explore the emerging resistance to beta-lactamase inhibitor combinations in CR *Pseudomonas aeruginosa* and the role of cefiderocol. We will discuss the clinical implications of treatment-emergent resistance and the unique challenges posed by colonisation in high-risk patients for whom infection leaves limited treatment options. Through new real-world data, we aim to illustrate the dynamic nature of CR *Pseudomonas* infections, emphasizing strategies to overcome resistance to beta-lactamase inhibitor combinations, and demonstrating cefiderocol's clinical response within this population.

Chair

B. Grabein
ESCMID-appointed chair
Ö.-K. Azap

13:30 Welcome and Introduction

B. Grabein
Ö.-K. Azap

13:40 Beyond carbapenemases: what are the latest insights on *P. aeruginosa* resistance?

C. Tascini

14:05 Treatment-emergent resistance as an evolving challenge to patient care

R. Shields

14:30 The PERSEUS Study: emerging evidence for cefiderocol in the treatment of carbapenem *P. aeruginosa* infections

A. Soriano

14:55 Panel Discussion and Q&A

B. Grabein
Ö.-K. Azap

13:30 - 15:30

Hall M

Proposing a decentralised surveillance model for mosquito-borne diseases using point-of-care molecular diagnostics

Worldwide, the continuous increase in mosquito-borne diseases is associated with rapid urbanisation, inadequate medical services in rural areas, and the impacts of climate change. Furthermore, many

Chair

M.-J. Martinez
ESCMID-appointed chair
P. Savelkoul

nations that were once unaffected by mosquito-borne diseases are now recognising them as potential future pandemics, emphasising the need for careful monitoring. This session aims to introduce a novel tool developed to prevent and brace for outbreaks of mosquito-borne diseases. It facilitates early detection and surveillance not only in central areas but also in decentralised regions, enhancing the capability for efficient vector control.		
13:30	Welcome and Introduction	M.-J. Martinez P. Savelkoul
13:40	Arbovirus detection: comparative evaluation of POC PCR and qRT-PCR tests	G. Soares
14:20	Molecular POCT: a sensitive approach for dengue virus detection and serotyping in Indonesia	T. Sasmono
14:50	Recent advances in POC diagnostics for arboviruses in West Africa	M. Faye
15:20	Panel Discussion and Q&A	M.-J. Martinez P. Savelkoul
13:30 - 15:30		Hall N
From pathogen to patient pathway: addressing the challenges of an evolving fungal landscape This symposium aims to comprehensively explore advancements and challenges in managing invasive fungal infections. The session will begin by outlining the shifting trends in fungal infection and discussing advancements. This will be followed with focus sessions on the evolving epidemiological landscape, the increasing complexity of the patient populations, challenges with providing continuity of care across settings in struggling healthcare systems. The faculty will then discuss the value of treatment advances in patient care across settings. This symposium will include discussion on the administration, prescription, and use of Mundipharma medicines.		Chair O.-A. Cornely ESCMID-appointed chair B. Willinger
13:30	Welcome and Introduction	O.-A. Cornely B. Willinger
13:45	Advances in the treatment of invasive fungal infections	C. Garcia Vidal
14:10	Increasing challenges from an evolving epidemiological landscape	M. Hoenigl
14:25	Optimising the management of complex patients	M. Bassetti
14:40	Navigating the increased challenge for continuity of care	R. Richardson
14:55	Panel Discussion: Adding value to patient care across different care settings	O.-A. Cornely B. Willinger
15:15	Q&A	O.-A. Cornely B. Willinger
13:30 - 15:30		Hall O
COVID-19 booster immunisation: key drivers for a sustained protection Four years after COVID-19 aftermath and three years after the first vaccines deployment, science is proving us with important insights on the way to make better informed decisions in terms of vaccination strategy. Duration and breadth of the immunity elicited by vaccines is still a field in progress if we want to meet the organisational needs to protect at risk populations. During the symposium, we will discuss the latest research outcomes on dimeric RBD based vaccines, on adjuvanted vaccines, on heterologous boosting and on the role of the microbiome in individuals ‘immune response from different perspectives.		Chair J.-A. Navarro ESCMID-appointed chair C. Iaria
13:30	Welcome and Introduction	J.-A. Navarro C. Iaria
13:45	Correlates of protection for COVID-19 vaccines	D.-H. Barouch
14:05	Role of the microbiome in vaccine-mediated immunity	D. Bogaert
14:25	Vaccine protection against emerging Omicron variants in the UK (UKSHA studies)	S. Charlton
14:45	Immune phenotyping of longitudinal cohorts of SARS-CoV-2, influenza and dengue vaccination	A. Fernandez-Sesma
15:05	Panel Discussion and Q6A	J.-A. Navarro C. Iaria
13:30 - 15:30		Hall P
Come together! Multidisciplinary insights for invasive mould disease management - In this session, our expert faculty will explore the complexities of managing invasive mould diseases (IMDs) in specific patient populations, such as patients with haematological disorders or those		Chair P. Munoz ESCMID-appointed chair M. Slavin

undergoing solid organ transplants (SOTs). - They will highlight the importance of using a multi-faceted diagnostic strategy, including radiobiology and microbiology techniques, to deliver prompt IMD diagnosis to improve patient outcomes - In addition, they will discuss country-specific challenges of IMD diagnosis and treatment in different clinical practices, such as those in China - The faculty will also emphasise the value of working collaboratively as a multi-disciplinary team (MDT) to optimise treatment approaches for IMD, whilst minimising antifungal resistance		
13:30	Welcome and setlist introduction	P. Munoz M. Slavin
13:35	Under pressure: managing IMD in the haematology unit	J. Maertens
14:00	Bridge over troubled water: IMD management in vulnerable patients undergoing solid organ transplantation	A. Mularoni
14:25	Suspicious minds: the importance of radiologists in the early diagnosis of IMD	C.-P. Heussel
14:50	Another brick in the wall: IMD experience in China	H. Bijie
15:15	Panel Discussion and Q&A: smells like team spirit: working as a multidisciplinary team to manage IMD	P. Munoz M. Slavin
15:25	The final countdown	P. Munoz M. Slavin

13:30 - 17:00		Moche Room
TAE Day If you are a trainee or a young scientist in CM/ID, don't miss the opportunity to join the TAE Day, a well-received ECCMID session organised by the Trainee Association of ESCMID where different activities related to trainees will take place. Like the previous years, different ESCMID opportunities will be presented, followed by the TAE Award. The highlight of the TAE Day is the Round Table Session, an informal setting where trainees/young professionals can get inspiration from renowned experts in CM and ID. Every year, participants have the opportunity to informally interact with these experts, discuss the main challenges and decisions during clinical and/or research career, get career advice, learn about career/research opportunities and strengthen their network.		Moderator M. Akova S.-D. Brugger G. De Angelis S. Delliere A. Egli M. Horgan J. Hrabak A. Kantele G. Özkaya Sahin V. Schweitzer L. Scudeller E. Tacconelli A. Tambic Andrasevic B. Voordouw Reserve chair
13:30	Opening of TAE Day, Introduction to TAE and Status of the Network	A. Kantele C. Neidhöfer P. Velikov G. Caruana
13:50	ESCMID Opportunities	C. Bulescu
14:10	TAE Award Ceremony	C. Neidhöfer
14:20	Presentations of TAE Outstanding Awardees from 2023	A. Ravindra M. Kusulja
14:30	TAE Quiz	G. Caruana
14:50	Round tables sessions	
16:30	Closing and invitation to join Young Scientist Reception afterwards	A. Kantele P. Velikov

14:00 - 15:00		Meeting Room 8.45
ESCMID / GSK meeting		Meeting participant S. Brüderli J.-S. Friedland A. Pirosa R. Skov
14:00 - 16:00		Meeting Room 8.28/8.29
ChiCAST meeting with EUCAST		Meeting participant

14:00 - 18:00		Meeting Room 8.37
Clinical Grand Round preparatory meeting		Meeting participant K. Ayden C.-G. Berto Y. Givon Cohen T. Holowka B. Lee R.-C. Read C. Russo Y. Zhao
14:30 - 14:50		Innovation Theater
IVDR impact for molecular labs in health institutions Since the entry into force in May 2022 of the IVDR regulation, the regulatory burden is becoming increasingly clear. This impact is also making itself known in molecular laboratories where, besides CE IVD kits, a lot of in-house IVD's are used. In this presentation we aim to clarify: - The scope of the IVDR and the implications for commercially available CE IVDs - Use of in-House and this both for general reagents and controls as well as for in-House IVD assays - The practical implications of IVDR and how diagnostic labs can prepare for this		
14:30	IVDR impact for molecular labs in health institutions	E. Dequeker
14:45 - 15:45		Arena 2
Modelling the immune response to infectious diseases		Chair S. Zidovec Lepej Reserve chair
14:45	Inflammation, the kynurenines and mucosal injury during human experimental enterotoxigenic <i>Escherichia coli</i> infection	S. Rim
14:51	Interleukin-6 was significantly increased in severe pneumonia after allo-HSCT and might induce lung injury via IL-6/sIL-6R/JAK1/STAT3 pathway	J.-R. Zhou
15:03	Migration dynamics of neutrophil granulocytes in human endotoxemia: impact of lipopolysaccharide and diagnostic implications	H. Abdulla
15:09	Leucine-rich alfa2 glycoprotein-1 drives lung remodelling in tuberculosis	J. Kutschenreuter
15:15	Sepsis endotypes identified by host gene expression across global cohorts	J. Brandsma
15:27	<i>Mycobacterium tuberculosis</i> : specific immune response in patients with immune-mediated inflammatory diseases	C. Farroni
15:33	Characterisation of the mpox virus-specific immune response in MPX-cured individuals in whole blood to monitor memory response	E. Petruccioli
14:45 - 15:45		Arena 4
Insight into antimicrobial resistance and public health across different regions and perspectives		Invited chair
14:45	High prevalence and concentrations of antibiotics identified within urban river networks of Southern Malawi	D. Cocker
14:51	Preliminary results on the comparison of multidrug-resistant microorganisms isolated from hospital wastewater and hospitalised patients' samples	N. Tormo-Palop
14:57	Can we control antimicrobial resistance without microbiology laboratory capacity?: a quantitative surveys of antibiotic prescription at peripheral-level hospitals in Vietnam	T. Kesteman
15:03	Understanding the burden of antimicrobial resistance in Central Europe: a comparative analysis of leading pathogens and pathogen-drug combinations across countries	T. Mestrovic

15:09	High rates of watch and reserve antibiotic prescribing in the treatment of neonatal infections among resource-constrained settings in Southeast Asia and the Pacific	B.-F.-R. Dickson
15:15	Implementation of the National Antimicrobial Prescribing Survey in Portugal: pilot study	C. Palos
15:21	Water burdens me in all aspects of my life: how water insecurity impacts women's and children's health in marginalised communities in the Jordan valley	A. Walther
15:27	Economic Impact of Paediatric Community-Acquired Pneumonia in Sub-Saharan Africa	M. Chitando
15:33	Vaccination history, serological status and attitudes towards vaccinations among Ukrainian refugees in Germany	A. Friedrichs

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14:45 - 15:45		Hall A
A journey from microbiology to infection prevention and control in the era of AMR Starting with the hospital epidemic caused by methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) in the US, followed by the increasing spread of multi-drug resistant Gram-negative bacteria, the whole world infection prevention and control (IPC) became imminent for hospitals and later also the community. During the interview, Margreet Vos, will discuss all the steps to i) detect patients at risk and screen potential sources, ii) define infection control interventions to prevent transmission, iii) define a safe patient environment already during designing, planning, and constructing new hospital and iii) create and maintain framework and infrastructures for effective and sustainable implementation of infection control and prevention measures at national level.		Chair H. Humphreys
14:45		M.-C. Vos

14:45 - 15:45		Hall B
Can artificial intelligence replace <i>in vitro</i> AST?		Chairs R. Patel H. Rohde
14:45	Using machine learning to predict antibacterial and antifungal resistance	F. Mutisya
14:57	Determination of minimum inhibitory concentrations using machine learning-assisted agar dilution	A. Gerada
15:09	A machine learning model for instant confirmation of ESBL-production	Y. El Ghouseh
15:21	RedLine: an explainable machine-learning framework for antimicrobial resistance prediction in <i>Neisseria gonorrhoeae</i>	C. Suphavilai
15:33	GPT-4 based artificial intelligence (AI)-agents: the new EUCAST expert to screen for antimicrobial resistance mechanisms?	A. Egli

14:45 - 15:45		Hall C
Innovative approaches to fight infections		Chair C. Wejse Invited chair
	Optimised arylomycins GDC-5780 and GDC-0829 represent a promising novel class of antibiotics against Gram-negative pathogens	M. Koehler
	New mycobacteriophages derived from directed evolution kill undisputed <i>Mycobacterium abscessus</i> clinical isolates	J.-C. Cao Yao
	A new bispecific construct promises an effective TCR-based anti-tubercular therapy	M.-P. La Manna
	An mRNA vaccine expressing a self-assembling virus-like particle antigen provides a more potent, durable and broader immune response to SARS-CoV-2 in animal models vs native mRNA vaccines	J. Laliberte
	JC virus-specific T lymphocytes and IL-7 combination therapy for progressive multifocal leukoencephalopathy (PML): preliminary results	C. Maci

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14:45 - 15:45		Hall D
Spitting image: using saliva as a diagnostic sample Demands of the COVID-19 pandemic spurred rapid development of new diagnostic tools. Innovative saliva-based approaches emerged, offering potential for application to other respiratory pathogens. With countries around the world demonstrating how sampling saliva can increase the acceptance of clinical testing, saliva holds great promise for transforming diagnostics, surveillance, and research practices. Saliva also has the potential to bolster testing programs in remote regions or those with less robust public health infrastructures, especially where cold-chain transport is minimal. However, tests utilising saliva		

must be developed specifically for saliva, recognising that established protocols may not be sufficient for processing this alternative sample type. In this session, experts in the field will review and discuss the evidence supporting saliva as a reliable sample type and the key considerations for effective pathogen detection in saliva.		
14:45		R.-L. Byrne
15:15		A. Wyllie
14:45 - 15:45		Hall E
Tropical conundra		Chair A. Fuchs Reserve chair
14:45	First report on human cerebral sarcocystosis	C.-F. Berntsens
14:45	Naegleria fowleri emerging in Israel: lessons from laboratory diagnosis and source investigation	H. Zayyad
14:45	Unveiling the comet sign: Pyemotes ventricosus-induced rash	C. Loboda
14:45	Challenges of managing Strongyloides infection in an immunosuppressed host	N. Patel
14:45	Unusual cause of isolated splenic abscess	R. Karad
14:45 - 15:45		Hall G
Changing epidemiology of West Nile virus infections in Europe		Chairs A.-C. Bandeira C. Gossner
This session will focus on changing epidemiology of West Nile Virus (WNV) infections in Europe, exploring this change from the One Health viewpoint. WNV has continued to spread in Europe, and the record number of cases have been reported in recent years from Italy and Greece. WNV is also known to circulate in some Northern European countries, such as Germany and the Netherlands. This session will provide further insights into WNV infection in humans and animals in Europe. It is important to consider the need for harmonising surveillance strategies and for enhancing clinical awareness.		
14:45	West Nile virus surveillance in humans	F. Riccardo
15:15	West Nile virus infections: from animals to humans	N. Nowotny
14:45 - 15:45		Hall H
Chemotherapy and other options for drug-resistant tuberculosis		Chairs L. Guglielmetti M.-N. Kim
Tuberculosis (TB) remains a pressing global health issue, exacerbated by the growing prevalence of drug-resistant strains, including multi-drug resistant (MDR-TB) and extensively drug-resistant tuberculosis (XDR-TB). Current treatment modalities have been challenged by lengthy regimens, adverse side effects, and inadequate patient adherence which contributes to resistance development. However, advancements in research have paved the way for more effective and patient-friendly therapies. Novel anti-TB drugs like bedaquiline, delamanid, and pretomanid have shown promising results in recent trials, while the repurposing of existing drugs, such as linezolid and clofazimine, presents additional avenues for treatment. In addition, it can be considered to prevent the occurrence of drug-resistant TB during the latent infection stage. These advances, alongside concerted public health efforts, are vital in the global fight against drug-resistant TB.		
14:45	What are the chemotherapy options for drug-resistant TB?	Y.-A. Kang
15:15	Search and destroy of latent TB; the best option for drug-resistant TB?	R. Melo
14:45 - 15:45		Hall J
Resistance surveillance in gastrointestinal pathogens		Chair R.-V. Goering Invited chair Reserve chair
14:45	Monitoring the long-term spatiotemporal transmission dynamics and ecological surveillance of multidrug-resistant Salmonella enterica serovar Goldcoast: a multicentre genomic epidemiology study	Y. Wu
14:57	Implementation and expansion of GenoTyphi in Mykrobe, for improved rapid genomic surveillance of Salmonella typhi	D. Ingle
15:09	Epidemiology of extensively-drug resistant Shigella in England: 2017 to 2023	H. Charles
15:21	Increasing number of resistance strains to quinolones among non-travel-associated Shigella spp. in Norway between 2018 and 2022	M. Stecher

15:33	The shifting landscape of shigellosis and antimicrobial resistance in Australia	E. Martinez
14:45 - 15:45		Hall K
Chasing schizonts		Chair H.-H. Garcia
14:45	Filamentous flagella-like structure in blood smear of a patient with malaria tertiana: coinfection with trypanosomiasis or something else?	T. Clodi-Seitz
14:45	Recurrent malaria unveiled: unraveling Plasmodium falciparum and Plasmodium malariae cases at a clinical crossroads	M.-F. Ramirez Hidalgo
14:45	Repeated recurrence of Plasmodium vivax malaria: uncovering the role of decreased CYP2D6 metabolism reducing primaquine effectiveness and impacting on treatment strategies	S. Stroiescu
14:45	The perils of Plasmodium : a case of recrudescence and secondary HLH	R.-F. Nazeer Hussain
14:45	About a rare association: Plasmodium falciparum malaria and thrombotic microangiopathy successfully treated with plasma exchange	S. Ben Ali
14:45 - 15:45		Meeting Room 8.31 (Hall 8.1 - CC8 upper floor)
Public Health Microbiology Study Group open meeting		Meeting host P. Jokelainen T.-M. Kortbeek M.-J. Struelens S. Taori O. Vandenberg
The official open business meeting for the ESCMID Study Group for Public Health Microbiology (ESGPHM). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		
14:45 - 15:45		Meeting Room Vienna (Hall 8.0)
PK/PD of Anti-Infectives Study Group open meeting		Meeting host B. Koch S. Luque T. Tängdén S. Wicha M. Zeitlinger
The official open business meeting for the ESCMID PK/PD of Anti-Infectives Study Group (EPASG). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		
15:00 - 16:00		Meeting Room 8.38+8.39
ORAL Local Investigators		
15:00 - 16:00		Meeting Room 8.41
AMS Latin America Meeting		Meeting participant B. Beovic G. Naranjo J. Rodríguez-Baño J. Schouten
15:30 - 15:50		Innovation Theater
A future without effective antibiotics: what can the European clinical community do now to prevent it?		
15:30	A future without effective antibiotics: what can the European clinical community do now to	

15:45 - 18:15		Hall A
Rehearsal Opening Ceremony		Meeting participant J. Moran-Gilad A. Zinkernagel
16:00 - 17:00		Fireplace area
Fireplace: A journey from microbiology to infection prevention and control in the era of AMR		Chair H. Humphreys
		M.-C. Vos
16:00 - 17:00		Meeting Room 8.30
ECRAID WP 11 meeting		Meeting participant S. Brüderli E. Cambau M. De Kraker H. Goossens M. Hopman B. Kakaraskoska Boceska P. Kardas C.-M. Martis E. Polverino M. Sanguinetti A. Tambic Andrasevic M. Vogel
16:00 - 17:30		Hall L
Breaking the mould: success in rare mould infections The aim for this symposium is to: - Increase awareness of rising threat of invasive infections caused by non-aspergillus rare moulds. - Identifying the gap between clinical trials and real-world patient care, ultimately aiming to increase understanding of what is defined as treatment success in the real world for those facing these challenging infections.		Chair M. Lackner ESCMID-appointed chair A. Chowdhary
16:00	Welcome and Introduction	M. Lackner A. Chowdhary
16:05	Clearing the mould: uncovering the rising threat of rare mould infections	C. Garcia Vidal
16:20	Beyond clinical trials: real-world insights into <i>Lomentospora prolificans</i> and <i>Scedosporium spp</i> infections and treatment	C.-F. Neoh
16:40	From clinical trials to the bedside: examining successful treatment of mucormycosis and other rare mould infections	E. Faure
17:00	Conquering the fungal frontier: new therapeutic options for rare mould infections	S. Agrawal
17:15	Panel Discussion and Q&A	M. Lackner A. Chowdhary
17:25	Meeting closing remarks	M. Lackner A. Chowdhary
16:00 - 17:30		Hall N
Discussing the appropriate use of new antibiotics for difficult to treat infections The main aim of the symposium is that a group of experts in the area of infectious diseases review the most important novelties published on the most recent antibiotics and discuss how to appropriately use		Chair E. Calbo ESCMID-appointed chair M. Falcone

the new antibiotics that have activity against MDR bacteria to contribute to training and clinical updating of health-care professionals in the area of infectious disease, in the proper and appropriate use of antibiotics.		
16:00	Welcome and Introduction	E. Calbo M. Falcone
16:05	Monotherapy? What have we learned from the recent data?	F.-G. De Rosa
16:15	How to treat <i>S. aureus</i> difficult to treat infections? Combination? Which ones and how to choose between them?	A. Soriano
16:25	Q&A	E. Calbo M. Falcone
16:30	How to define your treatment scheme for long-acting glycopeptides to treat infections which requires long-term treatments? Experience of a multidisciplinary approach	D. Bouteille
16:40	How to define your treatment scheme for long-acting glycopeptides to treat infections which requires long-term treatments? Recommendations from an expert group	E. Senneville
16:55	Q&A	E. Calbo M. Falcone
17:00	Review on OXA 48 infections: Use of carbapenems when susceptible (≤ 2 mg/L)?	S. Boyd
17:10	Review on OXA 48 infections: Use of new antibiotics?	G. Bou Arevalo
17:25	Q&A	E. Calbo M. Falcone

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16:00 - 17:30		Hall O
When vaccine efficacy cannot be studied: how real-world effectiveness data can impact vaccination strategies Frequently, the disease epidemiology prevents to conduct efficacy studies during clinical development of vaccines. Using mpox, tick-borne encephalitis and chikungunya as examples, we aim to discuss how vaccines can be developed and approved without efficacy data and in situations when a correlate of protection is lacking. We will also present how vaccine effectiveness data can be generated and how it can impact vaccination programs.		Chair J. Fehr ESCMID-appointed chair L.-Y. Hsu
16:00	Welcome and Introduction	J. Fehr L.-Y. Hsu
16:05	Cracking the code: correlates of protection for vaccinology	E. Bijker
16:15	Chikungunya vaccine development: utility of an immune surrogate	L. Chen
16:35	Need for speed: generating mpox vaccine effectiveness data during a global outbreak	O. Mitja
16:55	From courage to confirmation: the impact of recent TBE vaccine effectiveness data	R. Steffen
17:15	Panel Discussion and Q&A	J. Fehr L.-Y. Hsu

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16:00 - 17:30		Hall P
COVID is here to stay: what is the current role of antiviral treatment in hospitalised patients? The session will provide you with a comprehensive overview of evidence for the use of antiviral treatment in the hospital setting, both from clinical trials and real-world studies. The expert faculty will discuss how to apply the data in everyday practice when managing patients hospitalised with COVID or for COVID. They will share their perspectives on the implementation of optimal care for patients during their stay, with a focus on how to achieve consistent management across different hospital wards. Join the three international experts, as they guide you through the science and share their clinical decision-making process through scientific discussions and case-based scenarios.		Chair A. Ustianowski ESCMID-appointed chair C. Kelly
16:00	Welcome and Introduction	A. Ustianowski C. Kelly
16:10	Test and assess: how are we identifying patients with COVID-19?	R. Paredes
16:30	Patient care pathway: perspectives from internal medicine	N. Montano
16:45	Patient care pathway: perspectives from an infectious disease physician	R. Paredes
17:00	Patient care pathway: perspectives from a pulmonologist	V. Müller
17:15	Panel Discussion and Q&A	A. Ustianowski C. Kelly

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16:15 - 17:15		Arena 2
The good, the bad and the ugly in Gram-positive bloodstream		Chair

infections		M.-M. Pries-Heje Reserve chair
16:15	Staphylococcus aureus bloodstream infections in mid-Norway from 1996 through 2019	I. Haugan
16:21	Frequent detection of antibiotic adaptation in a multi-hospital, clinician-initiated bacterial genomics program to investigate treatment failure in Staphylococcus aureus bacteraemia	S. Giulieri
16:27	Clinical revenues of selective [18F]-FDG-PET/CT scanning in Staphylococcus aureus bacteraemia management	D. Verkaik
16:33	A look inside coagulase-negative staphylococci bacteraemia: a complex variety of patient risk factors and clinical features	C.-A. Peri
16:39	Predictors of in-hospital mortality in coagulase-negative staphylococci bacteraemia: findings from a Spanish multicentre cohort	B. Varisco
16:45	The investigation and use of a BALL score to predict clinical outcomes in group A Streptococcus bacteraemia	A. Nguyen
16:51	Osteoarticular or unknown focus of infection is independently associated with endocarditis in patients with group B, C or G Streptococcus bacteraemia	H. Adler
16:57	Clinical characteristics and predisposing risk factors for Enterococcus faecalis and Enterococcus faecium bloodstream infections: a prospective multicentre cohort study from the PROBAC project	F. Cogliati Dezza
17:03	Eyes wide shut: a cohort study questioning the role of fundoscopy in infective endocarditis diagnosis	E. Stavropoulou

16:15 - 17:15	Arena 4
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Antimicrobial stewardship powered by data science		Chair L. Neshet Reserve chair
	Antimicrobial stewardship in primary care, an experience from Italy	M. Mascarello
16:15	Using computer decision support systems (CDSS) to provide real-time antimicrobial stewardship ward reviews across an acute hospital	S. Hughes
16:27	Developing meta-analysis-based clinical algorithm to diagnose the aetiology of community-acquired acute respiratory tract infections in adults	A. Gorska
16:33	A computer-based algorithm to identify inappropriateness of carbapenem therapy in a large Italian university hospital: a post-prescription audit intervention	P. Del Vecchio
16:39	Early diagnosis and risk stratification in septic patient in emergency department (ED): integration of NEWS2 to a machine learning model	R. Corsini
16:45	Impact of a smartphone application on antimicrobial guideline adherence and clinical outcomes: a pre-and post-intervention study	Z.-O.-E. Babiker
16:51	Development and validation of a personalised antibiogram to predict antimicrobial susceptibility results of Escherichia coli clinical isolates	M. Goto
16:57	Implementation of mobile application for an effective antibiotic stewardship program in Madagascar: using local laboratory, clinical and epidemiological data	M. Raad
17:03	Predicting appropriateness of antibiotic treatment in ICU patients with hospital acquired infection	D. Coster

16:15 - 17:15	Meeting Room 8.32 (Hall 8.1 - CC8 upper floor)
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Viral Hepatitis Study Group open meeting	Meeting host M. Maticic G. Özkaya Sahin O. Sandulescu
The official open business meeting for the ESCMID Study Group for Viral Hepatitis (ESGVH). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.	

16:15 - 17:15	Meeting Room Munich (Hall 8.0)
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Clostridioides difficile Study Group open meeting	Meeting host F. Barbut K. Davies F. Fitzpatrick B. Guery M. Krutova
The official open business meeting for the ESCMID Study Group for Clostridioides difficile (ESGCD). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.	

16:15 - 18:15

Hall B

Moving phage therapy forward: from susceptibility testing to regulatory frameworks

Chairs

M. Merabishvili

M. Vehreschild

The use of phages as an auxiliary non-traditional antibacterial is becoming more widely available. However, unlike traditional antibiotics, there are no common standards to be used for the definition of susceptible or intermediate or resistant and regulation for phage therapy is lacking in many countries, in Europe and beyond. The purpose of this session is to review the current knowledge on clinical phage microbiology. Experts in the field will explore novel data for treatment efficacy, preliminary studies to harmonise phage susceptibility between different laboratories, and how phage therapy regulation is managed in both EU and non-EU countries.

16:15 Clinical phage microbiology: what does it mean?

R. Hazan

16:45 Standardising bacteriophage susceptibility testing: a long and winding road?

M.-D.-M. Tomas Carmona

17:15 Key variables in clinical research to assess efficacy of phage therapy

S. McCallin

17:45 Bacteriophages: it's a medicine, but not as we know it

J.-P. Pimay

16:15 - 18:15

Hall C

The use of metagenomics in diagnostics and surveillance



This session provides an update to use of metagenomics in infectious diseases. Metagenomics-enabled surveillance methods offer the opportunity to improve detection of both known and yet-to-emerge pathogens. The implementation of metagenomics to support diagnosis of encephalitis and respiratory infections will be discussed. Speakers will also focus on how the integration of host response profiling with metagenomic sequencing may improve the diagnosis and management of patients with infections, together with current and future strategies for routine implementation of metagenomics in clinical setting.

Chairs

J. De Vries

M. Perdomo

16:15 Use of metagenomics to enhance diagnosis of encephalitis

J. Breuer

16:45 Utility of metagenomics to enhance the management of severe respiratory infections

J. Schrenzel

17:15 Combining host response profiling with metagenomics: is this the future of infectious disease diagnostics?

C. Chiu

17:45 Routine implementation of metagenomics in the clinic: what's next?

N. Fischer

16:15 - 18:15

Hall D

Research agenda in One Health

Chairs

L. Marin

R. Skov

Antimicrobial resistance is a global health priority and making this a business case and ensuring return on investment makes it an attractive area for various funding agencies whether it is for newer antibiotics, economic impact or implementation of an antimicrobial stewardship programs in human health. Recently WHO and the Quadripartite has launched priority research agendas in human and One Health on various aspects of antimicrobial resistance (AMR) epidemiology, economic impact of AMR, newer treatment approaches as well as implementation of effective and successful antimicrobial stewardship programs. Other organizations like GARDP and One Health trust have made investments for newer approaches in prevention and management of multi resistant infections as well. This session will address different aspects of the AMR research agenda.

16:15 One Health priority research agenda for AMR

J. Matheu

16:45 Translating research priorities into action for human health

A.-J. Brink

17:15 Estimating the economic burden and return on AMR investments across the One Health sectors

C. Morel

17:45 Innovations in antibacterial development: WHO Research and Development pipeline

V. Gigante

16:15 - 18:15

Hall E

Translating fundamental science for treating biofilm infections

Chairs

M. De Vos

G. Ramage

Fundamental science has made great strides in our understanding of biofilm development, although the molecular details of biofilm formation within a mammalian host is less well-understood. Nonetheless, fundamental research has paved the way in the identification of improved treatment regimes, and new therapeutic targets and intervention points, in order to prevent, disrupt, or eliminate infection-associated

biofilms. This session will bring together fundamental biofilm biologists focusing on mechanisms of host-associated biofilm formation and those translating these findings to real-world applications for the treatment of these recalcitrant infections.		
16:15	People are not petri plates: why antibiotics fail in biofilm infection treatment	T. Bjarnsholt
16:45	Microengineered models to study biofilm-associated urinary tract infections	J. McKinney
17:15	Antibiofilm peptides: overcoming biofilm-related treatment failure	R.-E. Hancock
17:45	Nano-approaches to target biofilm infections	R.-L. Meyer
16:15 - 18:15		Hall F
How to deal with urinary tract infections in 2024: from guidelines to practice		Chairs V. Lavergne J.-R. Pano-Pardo
Approaches to the diagnosis and management of urinary tract infection have changed significantly in recent years, and three international societies are providing new guidelines on the topic. Society representatives will summarise the new respective guidelines while explaining evidence to decision processes. The limits of the evidence will be also discussed, highlighting areas that remain unaddressed and thus requiring future studies.		
16:15	Antibiotic stewardship for UTI in primary care	T. Verheij
16:45	The European Urological Association's 2023 guideline: how to deal with prostatitis and other complicated UTIs	F. Wagenlehner
17:15	Short course treatment of UTI: still works?	K. Gupta
17:45	Antibiotic stewardship for UTI in inpatient care and long-term care units	B. Trautner
16:15 - 18:15		Hall G
Challenging infectious diseases among immigrant immunosuppressed patients		Chairs C. Rothe A. Yinka-Ogunleye
Migration from Latin American countries to the developed world has dramatically increased in recent years as a result of political and economic crisis. Millions of Latin Americans emigrated to the USA and Europe in search for a new life, carrying with themselves infections acquired in their country of origin. Proper recognition of the most common endemic diseases prevalent in Latin America that can be reactivated as a result of immunosuppression is crucial to early identification and management. At the end of the session, the participants will be able to understand the clinical presentation and treatment options of four of the most common Latin American endemic diseases among migrant immunosuppressed patients.		
16:15	Histoplasmosis	A.-B. Arauz
16:45	Chagas disease	
17:15	Leishmaniasis	J. Van Griensven
17:45	Paracoccidioidomycosis	R. Hahn
16:15 - 18:15		Hall H
Global perspectives on infection control and prevention: strategies and outcomes		Chairs A. Berger A. Hajdu Reserve chair
16:15	Metagenome and resistome characterisation of the faecal microbiome of FERARO study participants: faecal microbiota transplant to eradicate gastrointestinal carriage (GI) of antibiotic resistant organisms (ARO): IRCTN reg. no. 34467677	B. Merrick
16:27	Description of two outbreaks of carbapenemase-producing <i>Enterobacterales</i> in two Danish hospital; multiple species and sequence types found in patients and environment	A.-L. Engsbro
16:39	Emergence of a novel lineage of plasmid-mediated mupirocin resistance in methicillin-resistant <i>Staphylococcus aureus</i> at an integrated health system in Miami, Florida	R. Rosa
16:51	How Afghanistan is tackling infection control: an in-depth evaluation of practices and strategies	M. Lakanwall
17:03	Implementation of healthcare-associated infection surveillance in Nigerian hospitals: a pilot study	F. Maechler
17:15	Hospital-onset bacteraemia rates in intensive care units are higher in COVID-19 wards: a primary use case to demonstrate the potential for benchmarking with a novel automated surveillance indicator	F.-D. Ruether
17:27	The role of gowns in preventing nosocomial transmission of respiratory viruses: a systematic review	L. Orsel
17:39	The use of regional prospective whole genome sequencing of multidrug-resistant <i>Enterobacterales</i> for infection control policy in the Netherlands	J. Thelen

17:51	Transmission of <i>bla</i> _{KPC} producing Enterobacterales among healthcare facilities in Michigan over a decade	C. Shankar
18:03	Long-term genomic evolution of <i>Pseudomonas aeruginosa</i> in sink traps at tertiary care hospital	S. Romano-Bertrand
16:15 - 18:15		Hall I
A new kid on the block: the promises and challenges of molecular wastewater surveillance Molecular monitoring (by PCR and metagenomic sequencing) of wastewater has emerged as a powerful complement to viral disease and antimicrobial resistance surveillance based on clinical samples. This environmental surveillance is a promising approach to effectively identify emerging viruses and bacteria, tracing their evolution, and mapping their local and global spread and has demonstrated close correlation with clinical surveillance and early predictive value for detecting epidemic waves. This surveillance systems have offered new insights and an early warning capacity, but their limitations need to be understood. This session will present state-of-the-art knowledge on sampling frame strategies and molecular technologies. It will also discuss public health outputs of wastewater molecular surveillance where it is becoming a game changer in both high- and low-resource settings.		Chairs B.-P. Howden J. Mossong
16:15	Wastewater surveillance for public health: opportunities and pitfalls	S. Ethelberg
16:45	Epidemiological surveillance using wastewater	N. Grassly
17:15	Wastewater surveillance: ethical and legal aspects	M. Mello
17:45	Wastewater surveillance in Africa: perspective for LMICs	T. Dzinamarira
16:15 - 18:15		Hall K
Making teaching work: from classical lectures to eLearning and beyond Whether we like it or not, e-Learning is here to stay. Understanding the opportunities e-learning provides and how to utilise them, but also the challenges and pitfalls and how to overcome them is essential for being able to develop and deliver engaging and effective postgraduate teaching. Different strategies and methods on how to engage learners and create learning experiences that encourage participation via video conferencing, social media and online games will be discussed. Theory and evidence of efficacy of various approaches, available tools and practical tips will be shared.		Chairs O. Karatuna M.-J. Lopes
16:15	Effective and engaging teaching: is eLearning the solution?	J. Hart
16:45	Bedside/benchside teaching and simulation: just entertaining or improving the outcomes?	N. Peiffer-Smadja
17:15	Serious games design: tackling challenges and measuring educational impact	N. Beerlage-De Jong
17:45	How to produce impactful educational content on social media	E. Bonura
16:15 - 18:15		Meeting Room 8.33
UEMS ID Exam Working Group		Meeting participant A. Kantele J.-P. Stahl
17:00 - 18:00		Meeting Room Vienna (Hall 8.0)
Mycobacterial Infections Study Group open meeting The official open business meeting for the ESCMID Study Group for Mycobacterial Infections (ESGMYC). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		Meeting host D.-M. Cirillo L. Guglielmetti M. Jankovic Makek Y. Kherabi C. Ong M. Viveiros
17:00 - 18:00		Moche Room
Young Scientist Reception		Meeting participant J.-S. Friedland

17:00 - 18:15

Meeting Room 8.31
(Hall 8.1 - CC8 upper floor)**ESCMID AMS Certificate 2023-2025 - faculty & participants**Meeting participant
B. Beovic
E. Cambau
M. Horgan
J. Schouten

17:30 - 18:30

Arena 1

Advances in medical mycology: from basic research to machine learningChair
J. Guinea
Reserve chair

17:30	UME6 controls aggregation, biofilm formation and pseudohyphae formation in Candida auris	M. Louvet
17:36	CDR1 is the major driver of TAC1B-mediated fluconazole resistance in Candida auris	K. Barker
17:42	Study design to explore intrinsic factors contributing to antifungal tolerance in Candida albicans clinical isolates through multi-omics approaches	C. Kamaliddin
17:48	Bacterial microbiota and pathogens in the lungs of patients with severe influenza versus COVID-19 with or without aspergillosis	S. Feys
17:54	Intestinal yeast overgrowth associates with oxygen-dependent reduction of anaerobic parasites and increase in facultative anaerobic bacteria: insights from a large human observational cohort	J.-J. Biemond
18:00	Diversity of vaginal microbiome and mycobiome among women with RVVC in the Southern Nigeria	S.-A. Fayemiwo
18:06	Development and validation of a personalised RISK predictor tool for cryptococcal meningitis mortality (PERISKOPE-CM)	T. Samuels
18:12	Improving the virus-associated pulmonary aspergillosis case definitions: a machine learning-based approach	M. Ergün

17:30 - 18:30

Arena 3

Tapping into genomics for elucidating disease transmission, surveillance and moreChair
B.-J. Holzkecht
Reserve chair

17:30	Deciphering the outbreak potential of Serratia marcescens lineages by genome-based metabolic pathway analysis	S. Van Goethem
17:36	Molecular investigation of hospital ward carbapenemase-producing Enterobacterales outbreaks	F. Di Ruscio
17:42	Lessons from ten years of genomic sequencing: predicting Mycobacterium tuberculosis resistance in a low-burden setting	A.-M. Garcia-Marin
17:48	Development of cgMLST scheme for defining clusters of Citrobacter freundii and design of cluster-specific PCR assays during multi-strain outbreak of carbapenemase-producing C. freundii	A.-L. Laugesen
17:54	Integrating epidemiological and genomic data to infer disease transmission	T. Clement
18:00	Challenging genomics: Chlamydia trachomatis LGV genomes from clinical samples elucidate dynamics and novel lineage from Buenos Aires	K.-A. Büttner
18:06	Genotyping Bordetella pertussis with long-read sequencing declined in accuracy after recent methodological updates	J. Dabernig-Heinz
18:12	Detection of hidden antibiotic resistance using real-time genomics in a complex multidrug resistant K.pneumoniae infection	E.-D. Sauerborn
18:18	Phenotypic traps: variation in Staphylococcus aureus USA300 resistance and toxin profile within the same transmission chain	C. Kolenda

18:30 - 20:45

Hall A

Opening Ceremony

With musical accompanist of Los Desmadraos Rumba. The ceremony will be followed by a reception open to all delegates.

Welcome by ESCMID President

A. Zinkernagel

Welcome by ECCMID Programme Director

J. Moran-Gilad

Award Ceremony

18:30 - 22:45

Hall A

Opening ceremony & Reception

Meeting participant

G. Albornoz

F. Barony

S. Brüderli

N. Burri

E. Cambau

J.-S. Friedland

A.-W. Friedrich

A. Kantele

P. Kardas

M. Krzyzaniak

P. Kudyba

J. Moran-Gilad

M. Müller

A. Oliver

J.-R. Pano-Pardo

A. Piroso

M. Sanguinetti

B. Schirra

C. Seiler

R. Skov

C. Speziale

M. Vogel

E. Wennström

A. Zinkernagel

08:00 - 09:00		Hall A
Rehearsal Quiz session		Meeting participant S. Asten J. Moran-Gilad J. Nosanchuk J.-R. Pano-Pardo J. Rodríguez-Baño A. Šterbenc D. Van Duin
08:30 - 09:30		Arena 1
Innovative therapies against COVID-19: towards improvement of patient outcome		Chair B. Davido Reserve chair
08:30	Early treatment with five days of molnupiravir reduces SARS-CoV-2 viral load but lowers spike antibody response and mutated virus persists	J. Standing
08:36	Cost-effectiveness analysis of nirmatrelvir/ritonavir for high-risk individuals with COVID-19: a modelling study	S. Popping
08:42	Comparative efficacy of combination treatment with nirmatrelvir-ritonavir and remdesivir vs remdesivir monotherapy in hospitalised patients with COVID-19 in Hong Kong: a target trial emulation study	M.-H. Choi
08:48	Comparative effectiveness of remdesivir and dexamethasone combination therapy vs dexamethasone monotherapy in patients hospitalised for COVID-19	E. Mozaffari
08:54	Virologic response and safety after oral administration of PF-07817883, a novel SARS-CoV-2 Mpro inhibitor, in non-hospitalised adults with symptomatic COVID-19	M. Mortezaei
09:00	Safety and pharmacokinetics of single and multiple ascending doses of ALG-097558, a pan-coronavirus protease inhibitor, in healthy volunteers	D. Wilkes
09:06	Discovery of potent PROTAC compounds as viral protease inhibitors and degraders against coronaviruses	X. Sun
09:12	A phase III randomised controlled study of plitidepsin, a marine derived compound, in hospitalised adults with moderate COVID-19 (NEPTUNO)	G. Poulakou
09:18	Clinical evaluation of drug-drug interactions with obeldesivir: a promising oral treatment for COVID-19	C. C. Peng
08:30 - 09:30		Arena 3
Activity of cefiderocol: joys and sorrows		Chair C. Cimen Van Dijck Reserve chair
08:30	Cefiderocol: will it be the answer for carbapenem-resistant <i>Klebsiella pneumoniae</i> bloodstream infections in our country?	Y.-E. Tok
08:36	Alarming low susceptibility rates to cefiderocol in NDM-producing Enterobacterales in Sweden	L. Faxén
08:42	Dynamic within-host cefiderocol heteroresistance caused by <i>bla</i> _{SHV-12} amplification in pandrug-resistant and hypervirulent <i>Klebsiella pneumoniae</i> sequence type 11	J. Yi
08:48	Activity of cefiderocol against carbapenem-resistant <i>Acinetobacter baumannii</i> -calcoaceticus complex, including molecularly characterised clinical isolates, causing infections in hospitals in European and adjacent regions (2020–2022)	R.-E. Mendes
08:54	Activity of cefiderocol against carbapenem non-susceptible <i>Pseudomonas aeruginosa</i> , including molecularly characterised clinical isolates, causing infections in hospitals in European and adjacent regions (2020–2022)	R.-E. Mendes
09:00	Evaluation of the cefiderocol activity against four hundred <i>Stenotrophomonas maltophilia</i> clinical isolates	A. Mazzariol
09:06	Nosocomial outbreak by NDM-producing cefiderocol-resistant <i>Acinetobacter baumannii</i> , Milan, Italy	L. Tartaglione
09:12	Update on the comparative <i>in vitro</i> activity of cefiderocol and four β -lactam- β -lactamase inhibitor combinations against clinically important Gram-negative pathogens	E. Wohlfarth
09:18	Assessment of the cefiderocol anti-biofilm effect against 28 clinical strains of multi-resistant Gram-negative bacilli quantified by XTT	M. Díaz-Navarro

08:30 - 09:30		Meeting Room 8.31 (Hall 8.1 - CC8 upper floor)
Vaccine Study Group open meeting The official open business meeting for the ESCMID Vaccine Study Group (EVASG). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		Meeting host O. Epaulard Z.-B. Harboe J. Tuells
08:30 - 09:30		Meeting Room 8.40
UEMS MM + ID Meeting		Meeting participant E. Cambau A. Kantele T.-M. Leegaard M. Müller J.-P. Stahl
08:30 - 10:00		Hall L
Optimising RSV disease prevention through vaccination across the lifespan The main aims of this session are: 1. To recognise RSV as a vaccine-preventable disease and discuss burden of disease in vulnerable populations (neonates/infants, older adults, persons with high-risk chronic diseases) 2. Review the available evidence to support RSV prevention for infants through vaccination 3. Review the available evidence to support RSV prevention for older adults through vaccination 4. To describe current RSV vaccine implementation and discuss strategies for improved uptake and protection of vulnerable populations		Chair A. Torres ESCMID-appointed chair E. Claas
08:30	Welcome and Introduction	A. Torres E. Claas
08:35	RSV burden of disease in infants and older adults	Y. Li
08:50	Protecting infants against RSV through maternal immunisation	I. Munjal
09:05	Protecting older adults against RSV through immunisation	I. Munjal
09:20	Optimising societal protection against RSV	A. Odone
09:35	Panel Discussion and Q&A	A. Torres E. Claas
08:30 - 10:00		Hall M
Choosing your own adventure! Shining a light on the best utilisation of syndromic testing and its application to respiratory infections There are many syndromes caused by infectious diseases in today's world, and one of the greatest tools that we all have to diagnose, appropriately treat, and manage challenging infections, is molecular syndromic testing. Join our presenters to explore the multifaceted landscape of respiratory testing, offering insights on how to effectively apply diverse testing modalities to enhance patient care and streamline laboratory operations.		Chair A. Kuchta ESCMID-appointed chair C. Skevaki
08:30	Welcome and Introduction	A. Kuchta C. Skevaki
08:35	Exploring the status quo and unmet medical needs for syndromic testing	V. Sambri
09:00	Utility of a rapid, precise and easy to use solution in a near patient setting	A. Berger
09:20	Hands-on experience and benefits of an automated laboratory based high throughput solution	U. Eigner
09:40	Panel Discussion and Q&A	A. Kuchta C. Skevaki
08:30 - 10:00		Hall N
Tackling respiratory infections throughout the year with flexible		Chair

molecular diagnostics to optimise patient management across care settings		A. Ahuja ESCMID-appointed chair G. Greub
It is anticipated that respiratory seasons, following the pandemic, will hold the seasonality patterns that we are accustomed to. Molecular diagnostics became a crucial part of the physician's repertoire of tools used to diagnose respiratory infections. This awareness of better combined diagnostics strategy has created a new wave of clinical assessment for all respiratory infections across care settings. This symposium will provide situational reports from physicians and scientists about their experiences in choosing the right diagnostics in both point-of-care and laboratory settings; to improve overall patient management across the hospital.		
08:30	Welcome and Introduction	A. Ahuja G. Greub
08:40	Respiratory virus seasonality in the post pandemic era, do we need a crystal ball?	E. Cariad
09:00	Complementarity between laboratory tools and molecular point-of-care approaches. Roles and responsibilities of the biologist at the hospital global level	L. Deroche
09:20	What clinical, organizational and people benefits does an ED receive after implementation of POC molecular testing?	J. Guenezan
09:40	Panel Discussion and Q&A	A. Ahuja G. Greub
08:30 - 10:00		Hall P
Navigating the complexities of managing acute bacterial skin and skin structure infections: how to optimise strategies and overcome challenges		Chair M. Bassetti ESCMID-appointed chair R. Murri
Management of acute bacterial skin and skin structure infections (ABSSSIs) can be challenging and result in prolonged hospitalisation when the causative pathogens are drug-resistant or when host factors complicate infections. ABSSSIs are associated with considerable morbidity and a heavy healthcare burden highlighting the need for optimised management strategies. Inappropriate treatment and poor adherence are major determinants for therapeutic failure leading to lack of response, recurrence, further complications as well as increasing the risk of antibiotic resistance. High frequency of comorbidities, dose adjustments, and considerations for drug interactions, raise complexity in drug selection and patient management. Older established treatments for ABSSSI often require multiple daily administrations even though in some cases once-a-day dosing may be more applicable through long-acting agents. This symposium explores the challenges of treating ABSSSI and the unintended consequences, as well as how different treatment modalities can help. Win-win approaches for clinicians, payers and patients are attainable.		
08:30	Welcome and Introduction	M. Bassetti R. Murri
08:32	The complexities of identifying and managing severe acute bacterial skin and skin structure infections	J. De Waele
08:52	The importance and implications of inappropriate or delayed therapies in patients with severe ABSSSIs	E. Senneville
09:12	Microbiological determinants that drive appropriate treatment for serious ABSSSI patients	S. Stefani
09:32	Panel Discussion and Q&A	M. Bassetti R. Murri
08:30 - 10:30		Hall B
Guide to HIV-associated opportunistic infections		Chairs J. Kowalska B. Lakatos
With wide introduction of antiretroviral therapy, the incidence of HIV related opportunistic infections (OIs) decreased. Nevertheless, it continues to be a clinical challenge in Central and Eastern Europe where 30-50% of newly diagnosed HIV patients are diagnosed late with significant immunosuppression and/or AIDS defining condition. At the same time the development of effective diagnostics and modern therapies and prophylaxis for OIs significantly slowed or even stopped. This session aims to discuss the existing approaches in the management of HIV associated OIs, as well as present most recent results from RCTs and real-world experience in the field of more effective, less toxic and shorter course treatment schemes. Inequalities of care and an understanding of the most important pending challenges in contemporary HIV care will be also discussed.		
08:30	Rare and difficult-to-treat HIV-associated opportunistic infections	A. Harxhi
09:00	Should we diagnose and treat opportunistic infections differently in HIV than in other immunocompromised patients?	D. Podlekareva
09:30	Prophylaxis of opportunistic infections	A. Pozniak
10:00	Are opportunistic infections still a problem in European countries in the ART era?	C. Oprea

08:30 - 10:30

Hall C

Staphylococcus aureus bacteraemia: emerging guidelines and updates

Chairs
B. Lamy
S. Tong

The objective of the session is the presentation of recent developments in recommendations for the management of Staphylococcus aureus bacteraemia. The session incorporates two talks that reflect the new ESCMID/IDSA Staphylococcus aureus bacteraemia guidelines soon to be published by ESCMID and IDSA (Defining at risk populations and treatment duration; and Diagnostic evaluation) and two talks on key topics that have yet to be finalised for the guidelines (Adjunctive therapies; Management of MRSA). The new guidelines will be based on a strict methodology for preparing guidelines (PICO questions approach) and will represent a consensus of the two largest societies in the field of infectious diseases.

08:30 Defining at-risk populations and treatment duration

A. Kaasch

09:00 Diagnostic evaluation of SAB

C. Liu

09:30 The use of adjuvant treatments in SAB

A. Goodman

10:00 Management of MRSA

M. Paul

08:30 - 10:30

Hall D

Fungal infections from a One Health perspective

Chairs
S. Delliere
F. Hagen

Fungi is not the first word that comes to mind when we consider infectious outbreaks. However, several situations associated with the environment and/or the host background and new risk factors may lead to fungal outbreaks. Some, such as Candida auris, are well known and worrying fungi responsible for nosocomial outbreaks requiring regular surveillance while some are less known but deserve some attention as they are very difficult to diagnose, associated with significant morbidity and mortality, may occur in patients with unexpected risk factors and be associated with climate change.

08:30 Candida auris: current epidemiology and battle plan

V. Di Pilato

09:00 Fusarium outbreaks: expect the unexpected

M.-F. Gonzalez-Lara

09:30 Fungal outbreaks on the horizon of climate change

D. Carter

10:00 Neglected fungal disease in a one health perspective

R. Oladele

08:30 - 10:30

Hall E

Treating CNS infections using modelling approaches: a translational point of view

Chairs
T. Metsvaht
C. Roger

Bacterial CNS infection is challenging to treat and carries high risk of recurrence, morbidity, and mortality. Low CNS penetration of antibiotics may contribute to poor clinical outcomes. The use of high doses has been suggested for hydrophilic antimicrobials to ensure an adequate penetration, but this can be associated to a higher risk of neurological toxicity. In addition, some factors such as the presence of meningeal inflammation or the administration of corticosteroids may influence drug penetration. This session will allow to understand the mechanisms of diffusion of antibiotics across the brain barriers (BBB and BCSFB), to predict the impact of pathophysiological factors on central distribution of antibiotics using PBPK modelling and to carry out a review of the PKPD clinical studies carried out in the context of the treatment of central infections.

08:30 Factors determining drug selection for CNS infections

C. König

09:00 Physiologically-based modelling in the study of antibiotic distribution in the CNS

A. Chauzy

09:30 Understanding the blood brain barrier, the blood-CSF barrier and beyond

B. Pfausler

10:00 PK/PD of antibiotics and antimicrobial resistance in CNS infections: a clinical point of view

G. Rao

08:30 - 10:30

Hall F

Rapid detection of antibiotic resistance: state-of-the-art

Chairs
A. Oliver
P. Retamar Gentil

Occurrence of multidrug resistance is now commonly observed among bacteria causing severe infections, both in developed and developing countries. There is therefore a critical need for rapid diagnostic of such resistance issues, to implement adequate measures in term of treatment and infection control. This session highlights the current rapid diagnostic techniques allowing such aim to be optimally achieved. It also provides the opportunity for clinicians to share their concern about existing tools and expectations for the future.

08:30 Molecular-based AMR detection: still the panacea?

S. Malhotra-Kumar

09:00 Non-molecular approaches for wide implementation

J. Hrabak

09:30 How current rapid diagnostic tests can support antibiotic stewardship?

E. Tacconelli

10:00	Rapid diagnostic for AMR: what would I need as a clinician in a perfect world ?	F. Ader
08:30 - 10:30		Hall G
The microbiome and gut-brain axis in neurological diseases In the past decade the brain-gut axis has been a topic of great interest, and in multiple neurologic diseases evidence has come to light that the composition of the gut microbioma may play a role in development of both neurodegenerative and neuroinflammatory disease. Studies on Parkinson's disease, Alzheimer's disease, multiple sclerosis and stroke all found some evidence for this interaction, but to what extent it is the cause or a mere bystander effect remains to be elucidated. In this session these diseases and the role of the microbiome, and the potential for treatment of these diseases by influencing the microbiome will be discussed.		Chair W. Westendorp Invited chair
08:30	The role of the gut microbiome in Alzheimer's disease	G.-B. Frisoni
09:00	The role of the gut microbiome in Parkinson's disease	M.-F. Contarino
09:30	The role of the gut microbiome in multiple sclerosis: potential for treatment?	A.-K. Pröbstel
10:00	The role of the gut microbiome in cerebrovascular disease	B.-W. Haak
08:30 - 10:30		Hall H
Treatment strategies for transplant-associated infections Patients undergoing haematopoietic stem cell transplantation or solid organ transplantation are at increased risk for severe and life-threatening viral infections. Despite considerable advances, demonstrated by the new anti-cytomegalovirus drugs approved for prophylaxis and treatment in the transplantations setting, unmet clinical needs for improved viral and bacterial monitoring and effective and well-tolerated therapies are significant. Therapeutic vaccination, monoclonal antibodies and T-cell therapies are in development. Consensus on study design and endpoint definition for new antiviral approaches is needed. The burden and management of multi-drug resistant infections in SOT recipients will be presented. This session will summarise current and emerging bacterial and viral pathogens and treatment strategies in transplant recipients and discuss future perspectives in the field.		Chairs J. Simkins D. Wolf
08:30	Adenovirus in stem-cell transplant recipients	T. Lion
09:00	CMV infection in the transplant setting	A. Humar
09:30	BK virus in renal transplant: clinical management and development	G. Westman
10:00	Burden and management of multidrug-resistant infections in SOT recipients	M. Giannella
08:30 - 10:30		Hall I
Integrating sequencing in the clinical microbiology workup		Chairs H.-V. Aamot C. Neidhöfer Reserve chair
08:30	Tackling the role of 16S next-generation sequencing in diagnostic microbiology: the importance in clinical practice	A. Botan
08:42	Dynamics of bacterial load and 16S metagenomic distribution in sepsis patients during the first 48 hours in the ICU	K. Prytz
08:54	Long-read 16S rRNA sequencing for rapid identification of bacterial species causing periprosthetic joint infection	V. Saludes
09:06	Real-life evaluation of clinical metagenomics from blood in clinical routine: experience of a large-scale, single-center trial	E. Siegel
09:18	Precise aetiological diagnosis of sepsis by combining plasma and blood cell metagenomic next-generation sequencing: a prospective observational study	X. Chu
09:30	A targeted nanopore sequencing workflow for clinical microbial diagnostics	M. Vanhee
09:42	Optimisation of pre-analytical workflow for broad pathogen detection by next-generation sequencing in respiratory specimens	P. Velu
09:54	Successes and lessons learnt from implementation of a routine clinical metagenomics service: eight years' experience	N. Storey
10:06	NGS-based pathogen diagnostic in febrile haematology patients: a single-centre experience	O. Kriege
10:18	Evaluating diagnostic utility of plasma microbial cell-free DNA next-generation sequencing in fever of unknown origin	N. Ranganath
08:30 - 10:30		Hall J

Recent outbreaks and emerging infections		Chair P.-Y. Iroh Tam Invited chair
Emergence of new concerning ribotype of <i>Clostridioides difficile</i> (955)		R. Puleston
Phylogenomic analyses of <i>Clostridioides difficile</i> from Nigeria identifies human-animal sharing of closely related genomes		E.-O. Ngbede
<i>Mycoplasma pneumoniae</i> infection in adult inpatients: 2023-2024 French outbreak (MYCADO national study)		A. Gavaud
Extended-spectrum β -lactamase-producing <i>Klebsiella pneumoniae</i> infections across the United States, 2023: uncovering a CTX-M-15 plasmid epidemic		B. Kreiswirth
Vaccine intervention to control spread of pneumococcal disease outbreak in shipyard, Finland, summer-fall 2023		H.-M. Nohynek
Incidence and TB-related outcomes of tuberculosis (TB) in asylum seekers compared to non-asylum seekers in England, 2021 to 2023		S. Cox
Crimean-Congo haemorrhagic fever: an emerging threat in Europe		M. Keshtkar-Jahromi
Emergence of a genetically distinct norovirus GII.4 Sydney [P31] lineage associated with outbreaks in the United Kingdom during the COVID-19 pandemic		D. Tully
Molecular epidemiology of <i>P. falciparum</i> resistance against artemisinin derivatives and pyrimethamine-sulphadoxin in northern Uganda: preliminary results from ERASE study		R. Papagni
Representativeness and usefulness of wastewater-based surveillance systems in ten countries across Europe in 2023		G. Benedetti
08:30 - 10:30		Hall K
Environmental stewardship: cleaning the occupied bed space Hospital cleaning is still the Cinderella of infection prevention and control despite a fundamental need to keep hospitals clean. Healthcare delivery is compromised when the patient environment is dirty. Unfortunately, hospitals don't always prioritise cleaning, especially when there is no clear guidance on when, where, or how to clean. Now that cleanliness is inextricably linked with infection risk, a systematic cleaning process for all hospitals should be implemented and monitored. This session aims to shine a spotlight on hospital cleaning with international speakers presenting their views on basic cleaning practices, novel products and futuristic decontamination methods aligned against environmental safety. How to conduct real-life trials assessing hospital cleaning will be also addressed. The attendees will learn about the science behind this most basic of infection control practices and it is hoped that they will be inspired to examine cleaning procedures and products in their own healthcare institutions.		Chairs P. Parneix R. Vatcheva-Dobrevska
08:30	How to clean the occupied patient room	S.-J. Dancer
09:00	Are probiotic disinfectants effective in hospitals?	E. Caselli
09:30	Continuous UV-C light in the clinical environment	C. Donskey
10:00	How to conduct real-life trials assessing hospital cleaning	R. Leistner
09:00 - 10:00		Meeting Room 8.37
Ethics Advisory Committee Meeting		Meeting participant M. Akova A. Barac A. Nasim E. Righi C. Speziale D. Yahav
09:00 - 12:00		Meeting Room 8.41
CMI Comms Editorial Board Meeting		Meeting participant M.-J. Bonten A. Huttner E. Mccreary E. Mcdonald N. Narayanan O. Sandulescu T. Tängdén

09:30 - 10:30

Arena 2

Tropical trio threat: leishmaniasis, Chagas and malaria

Chair
D. Grupel
Reserve chair

09:30	Surface-modified quantum dots as drug carriers for the treatment of visceral leishmaniasis	P. Madhukar
09:36	Circular RNAs as a new perspective in the diagnosis and mechanism of Leishmania infections	A. Caner
09:42	Deletion of a kinetoplast-related gene down regulates the expression of trypanothione synthetase, leading to drug resistance in Leishmania major	F. Darzi
09:48	Prediction of visceral leishmaniasis development in a highly exposed HIV cohort in Ethiopia based on Leishmania infection markers: results from the PreLeish study	J. Van Griensven
09:54	Implementation of a successful pregnancy-based Chagas screening programme in a New York City hospital	K.-K. Escobar Lee
10:00	Efficacy and safety of fexinidazole for treatment of chronic indeterminate Chagas disease 4 (FEXI-12): a phase 2, double-blind, multicentre randomised trial	I. Losada Galvan
10:06	Population pharmacokinetics of fosmidomycin in a novel combination antimalarial therapy. Does the applied dosing regimen result in equal exposure for children, adolescents and adults?	C. Pfaffendorf
10:12	The current status of Plasmodium falciparum chloroquine resistance transporter gene (K76T) and Plasmodium falciparum multi-drug resistance gene 1 (N86Y) in Cameroon	M. Fru
10:18	Isolated P. falciparum hyper-parasitaemia in imported malaria, an “has-been” severity criterion?	S. Gaultier

09:30 - 10:30

Arena 4

Novel approaches to control of healthcare-associated infections

Chair
E. Yusuf
Reserve chair

09:30	Photodynamic therapy with protoporphyrin IX precursors using artificial daylight improves skin antisepsis for orthopaedic surgeries	T.-A. Schweizer
09:36	Staphylococcus aureus nasal and skin decolonisation (SAND Study): targeted reduction of CLABSI in stem cell transplant recipients	F. Côté
09:42	Emerging challenges: environmental and staff colonisation by carbapenem-resistant Gram-negative bacteria and MRSA in veterinary practices	J. Moreira Da Silva
09:48	A consortium of faecal microbes that decolonises antibiotic-resistant enteric pathogens: a potential alternative to faecal microbiota transplantation	M.-Y. Yoon
09:54	Comparison of the use of three dressings in the prevention of surgical wound infection (SWI)/post-surgical mediastinitis (PSM) in patients undergoing major heart surgery (MHS): a prospective and randomised study	M.-J. Pérez-Granda
10:00	Multimodal infection control strategy to return to sustained low rates of catheter-related bacteraemia in the post-COVID-19 pandemic era	M. Gimenez
10:06	A search strategy for detecting duodenoscope-associated infections: a retrospective observational study	K. Van Der Ploeg
10:12	Effective control of Candida auris dissemination in a general hospital	F. Kontopidou
10:18	Tailoring interventions for control of endemic carbapenem-resistant Acinetobacter baumannii: an interrupted time series analysis	V. Schechner

09:30 - 10:30

Hall A

Genomic surveillance for AMR: supporting public health interventions against typhoid and Klebsiella pneumoniae

Chairs
S. Brisse
M. Sanguinetti



Genomic surveillance is a pivotal in fighting antimicrobial resistance (AMR) in diseases like typhoid and Klebsiella pneumoniae. In the event of outbreaks, rapid detection and tracking of AMR cases enable prompt containment measures. Genomic data informs healthcare providers, ensuring patients receive the most suitable antibiotic therapy, reducing overuse. Additionally, surveillance detects emerging resistance patterns, allowing for timely adjustments to treatment guidelines. It also guides infection control measures in healthcare settings. Collaboration on genomic data at an international level is key to addressing global AMR threats effectively. During her Keynote lecture Kathryn Holt will focus on her work in this regard for the typhoid and Klebsiella pneumoniae cases, highlighting how genomic surveillance for AMR plays a crucial role in public health responses, enabling better treatment decisions,

outbreak management, and international cooperation.	
09:30	K. Holt
09:30 - 10:30	Meeting Room 8.32 (Hall 8.1 - CC8 upper floor)
Biofilms Study Group open meeting The official open business meeting for the ESCMID Study Group for Biofilms (ESGB). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.	Meeting host J. Azeredo E. Borghi M.-D. Macia Romero C. Moser G. Ramage
09:30 - 10:30	Meeting Room Munich (Hall 8.0)
Veterinary Microbiology Study Group open meeting The official open business meeting for the ESCMID Study Group for Veterinary Microbiology (ESGVM). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.	Meeting host E. Broens L. Cavaco S.-J. Cutler B. Patrick A. Vale
10:00 - 10:20	Innovation Theater
Multi-drug resistant bacteria surveillance: molecular screening within a new organizational model Antimicrobial resistance (AMR) is one of the biggest global threats to public health today, leading to mounting healthcare costs, treatment failure and deaths. Carbapenem-resistant Enterobacterales (CRE), <i>Acinetobacter baumannii</i> and <i>Pseudomonas aeruginosa</i> , are a serious issue for healthcare facilities. The ability of these organisms to spread from patient to patient, their high mortality rate and the lack of effective treatment options led to the adoption of rapid screening for patients in order to limit the risk of transmission. Introduction of a molecular screening for detection of the major resistance genes on rectal swabs provides a greater sensitivity compared with classical culture allowing an early identification of colonised patients and the implementation of timely IPC measures. We will share about the experience in the last months of a great hospital, based in Milan Italy, showing the evolution of their surveillance system and how this could restrict the spread of MDR bacteria.	
10:00	Multi-drug resistant bacteria surveillance: molecular screening within a new organizational model A. Busni
10:30 - 10:50	Innovation Theater
Evolution of COVID-19: exploring a next generation monoclonal antibody for high-risk populations Despite vaccination efforts, COVID-19 remains a significant threat for individuals with immunocompromising conditions, leaving them susceptible to severe outcomes. Passive immunisation with monoclonal antibodies has proved itself as an important strategy, providing targeted protection for this high-risk patient group. This session will showcase recent advances with a next generation monoclonal antibody, highlighting its potential in mitigating the impact of COVID-19. The session will conclude with a brief Q&A with our expert speaker.	
10:30	Evolution of COVID-19: exploring a next generation monoclonal antibody for high-risk populations
10:45 - 11:45	Fireplace area
Fireplace: Genomic surveillance for AMR: Supporting public health interventions against typhoid and Klebsiella pneumoniae	Chairs S. Brisse M. Sanguinetti
K. Holt	

11:00 - 11:20		Innovation Theater
Challenge accepted: innovating AMR surveillance through data Learn more about ATLAS, the value of surveillance data, and how artificial intelligence can help crack the code on multi-drug resistant infections so that more patients can receive early and appropriate treatment.		
11:00	Challenge accepted: innovating AMR surveillance through data	K. Perez
11:00 - 12:00		Arena 1
Prognosis and outcome in bloodstream infections		Chair J. Molina Gil-Bermejo Reserve chair
11:00	Differences in clinical outcomes in patients with <i>Klebsiella aerogenes</i> , <i>Klebsiella pneumoniae</i> and <i>Enterobacter cloacae</i> bloodstream infection in Spain: a cohort study	M. Guedes
11:06	Predictors of mortality of <i>Pseudomonas aeruginosa</i> bacteraemia and the role of early source control; a retrospective cohort study	M. Papadimitriou Olivgeris
11:12	Incidence density and spatial distribution of sepsis associated with <i>Stenotrophomonas maltophilia</i> in an adult intensive care unit in Rio de Janeiro: longitudinal prospective study	M. Zenaide Ribeiro Gomes
11:18	Characterisation of community-acquired and hospital-acquired bloodstream infections and factors associated to multidrug-resistance in a high–antibiotic resistance setting	L. Mela
11:24	Bloodstream infections: derivation and validation of a reliable and multidimensional prognostic score	M. Camici
11:30	Impact of antimicrobial resistance in predicting 14-day mortality in patients with sepsis: external validation of the Bloomy 14-day scores in high endemic country for multidrug-resistant Gram-negative bacteria	F. Cioli Puviani
11:36	High-dose intra-venous Vitamin C administration caused an increase in mortality in Indian patients with sepsis, compared to placebo	A. Balachandran
11:42	Post-fracture sepsis: a hidden challenge in elderly patients with osteoporotic pelvic fractures	A. Sokhan
11:48	Sepsis epidemiology and prognosis in cancer patients: a multicentre prospective observational study	E. Alp Mese
11:00 - 12:00		Arena 2
New drugs and new therapies for fungal infections: from bench to bedside		Chair P. Munoz Reserve chair
11:00	<i>In vitro</i> activity of olorofim against global <i>Aspergillus</i> spp. isolates	C. Pinder
11:06	EUCAST olorofim MICs for 2504 Danish mould and dermatophyte isolates from 2020-2022	K. Astvad
11:12	<i>In vitro</i> challenge of ibrexafungerp versus echinocandin-resistant clinical <i>Candida</i> species	A.-M. Aldejohann
11:18	Rezafungin activity against Echinocandin, nonwildtype <i>Candida glabrata</i> clinical isolates collected in European countries (2014–2021)	M. Castanheira
11:24	Exploring the antifungal potential of the antidepressant vortioxetine	S. Rizzo
11:30	<i>In vitro</i> combination of isavuconazole with anidulafungin against <i>Aspergillus fumigatus</i> , <i>Aspergillus flavus</i> and <i>Aspergillus terreus</i> isolates	M.-I. Beredaki
11:36	Human monoclonal antibodies targeting novel, fungal cell wall proteins offer superior therapeutic efficacy in a preclinical infection model	S. Palliyil
11:42	Early deployment of antifungal and immunomodulatory combination therapy strongly improves morbidity and mortality in neutropaenic mice with invasive pulmonary mucormycosis	S. Wurster
11:48	Outcomes of IFI due to <i>Lomentospora prolificans</i> in 26 patients receiving olorofim in a Phase 2b study of patients with limited or no treatment options (NCT03583164)	M. Slavin
11:00 - 12:00		Arena 3
Tiny tubes, big insights: hollow fiber models illuminate anti-infective PK/PD		Chair S. Das Reserve chair
11:00	Mechanism-based modelling approach to simultaneously characterise the effects of single and	D. Fuhs

	multiple resistance mechanisms on bacterial killing and resistance emergence of <i>Pseudomonas aeruginosa</i> in response to meropenem	
11:06	Ceftolozane/tazobactam and meropenem, in monotherapy and combination, against ST235 clone <i>Pseudomonas aeruginosa</i> isolates in the dynamic <i>in vitro</i> hollow-fibre infection model	S. Breen
11:12	Evaluation of pharmacokinetic variability of intraventricular colistin (COL_ITV) in combination with intravenous meropenem (MEM_IV) for the treatment of <i>Acinetobacter Baumannii</i> (Ab) central nervous system (CNS) infections employing the hollow fiber infection model (HFIM)	Q. Valle
11:18	Evaluation of ANT3310 pharmacokinetics-pharmacodynamics, in combination with meropenem, using a dynamic <i>in vitro</i> infection model	B. Vanscoy
11:24	Dynamic hollow-fiber studies of meropenem combined with fosfomycin in four clinical <i>K. pneumoniae</i> isolates expressing KPC-2/KPC-3 carbapenemases	A. Farooq
11:30	Temocillin activity against CTX-M-15-producing <i>Klebsiella pneumoniae</i> in a hollow-fiber infection model	J.-L. Rodríguez Ochoa
11:36	Evaluating the efficacy of amikacin-ceftazidime/avibactam combination therapy against carbapenem-resistant <i>Escherichia coli</i> in a hollow fibre infection model	M. Walker
11:42	Impact of <i>in vitro</i> use of artificial cerebrospinal fluid compared to Mueller-Hinton broth on the efficacy of linezolid against <i>Staphylococcus aureus</i> in a hollow-fiber model	N. Prébonnaud
11:48	Identification of azithromycin and ceftriaxone <i>in vitro</i> susceptibility test interpretive criteria (STIC) for <i>Neisseria gonorrhoeae</i>	S. Bhavnani

11:00 - 12:00		Hall A
Innovations in diagnosis, treatment and prevention of malaria Malaria is a global public health burden with around 247 million cases estimated worldwide in 2021, with 619 000 deaths. This parasitic infection transmitted by the Anopheles mosquito leads to acute life-threatening disease and poses a significant global health threat. Two billion people risk contracting malaria annually, including those in 90 endemic countries and 125 million travelers. The Plasmodium parasite has a multistage lifecycle, which leads to characteristic cyclical fevers. With timely treatment, most people experience rapid resolution of symptoms; however, significant complications may occur, including cerebral malaria, severe malarial anemia, coma, or death. This Keynote lecture will review the diagnostic advancement and the innovations in the treatment and prevention of malaria, but also the challenges that still need to be addressed.		Chairs A. Kantele C. Seas
11:00		S.-B. Sirima

11:00 - 12:00		Hall B
Using evolutionary principles to fight antimicrobial resistance Emergence of resistance during antimicrobial therapy is a major problem in acute and chronic infections. This session will deal with the basic principles of two innovative strategies potentially useful to avoid resistance development meaning (i) tackling antimicrobial tolerance mechanisms, and (ii) understanding how resistance development to certain antibiotics may produce collateral susceptibility to others and how this could be used to design optimised sequential treatments. Practical clinically-relevant example of collateral susceptibility, related to novel beta-lactam/beta-lactamase inhibitor combinations and carbapenems will be addressed.		Chairs R.-A. Bonomo T. Pál
11:00	Tackling tolerance to avoid antibiotic resistance development	N. Questembert-Balaban
11:30	Evolved collateral susceptibility as a focus to optimise antibiotic therapy	H. Schulenburg

11:00 - 12:00		Hall C
Small and nasty! A tour into antibiotic-resistant plasmids		Chairs T.-M. Coque C. Giske Reserve chair
11:00	Gene duplications of extended spectrum β -lactamases in plasmids enhances ceftazidime resistance of <i>Enterobacteriaceae</i> in clinical isolates	A. Sobkowiak
11:12	Transmission and stability of <i>tetX</i> -bearing plasmids mediating tigecycline resistance	N.-N. Rakhi
11:24	Plasmid spread from carbapenemase producing <i>Enterobacter hormaechei</i> ST79 from contaminated dicloxacillin capsules to other Enterobacterales	A. Rasmussen
11:36	Inter-genera dissemination of a VIM-1 encoding IncN plasmid in a German hospital	K. Xanthopoulou
11:48	Genomic insights unveil the plasmid transfer mechanism and epidemiology of hypervirulent <i>Klebsiella pneumoniae</i> in Vietnam	D. Pham

11:00 - 12:00		Hall D
Epidemiological aspects of community-acquired bacterial infections		Chairs K. Hanevik M.-C. Padoveze Reserve chair
11:00	The Copenhagen Urinary Tract Infection Study: baseline results of the epidemiology of 25,749 women	K.-H. Hansen
11:12	Characterising complicated urinary tract infections (cUTI): preliminary results of the Ecraid perpetual observational study on cUTI (POS-cUTI)	J.-M. Bravo-Ferrer
11:24	Aetiologies of bloody diarrhoea in children presenting with acute gastroenteritis to US emergency departments	P. Fonseca Romero
11:36	Climatic, environmental, and sociodemographic risk factors for cholera: a retrospective longitudinal study in Sabah, Malaysia, 2015-2020	S.-P. Sadarangani
11:48	<i>Neisseria gonorrhoeae</i> sequence type dynamics during sudden increase among young women in 2022 and 2023 in the Netherlands	H. Zondag
11:00 - 12:00		Hall E
Diagnosing fungal infections in clinical practice		
The diagnosis of fungal disease is usually a multicomponent process involving interpretation of clinical risk, clinical/radiological presentation and mycological evidence. A range of novel diagnostic tests/strategies are becoming available and/or accepted in clinical practice. However, the understanding of the benefits/limitations of these tests remains unclear. By using clinical cases, this session will focus on the value and limitations of several diagnostics: GM, glucan and histoplasma antigen testing beyond common commercial kits; PCR testing on BAL, blood and tissue; unbiased metagenomics versus dedicated PCR; fungal resistance testing; and interpretation and comparison of genotypic and phenotypic testing.		
11:00		K. Lagrou
11:30		B. Rijnders
11:00 - 12:00		Hall G
Bacteriophage therapeutics for biofilm infections: hopes and hurdles		Chairs M.-D. Macia Romero S. McCallin
Bacterial biofilms are involved in many chronic and difficult-to-treat infections. Phage therapy against infectious biofilms is becoming a promising strategy, as suggested by the increasing number of studies demonstrating the efficacy of phages against <i>in vitro</i> formed biofilms. However, the translation between <i>in vitro</i> results to <i>in vivo</i> phage therapy outcome is not straightforward due to the complexity of phage-biofilm interactions in clinical contexts. This session aims at providing a critical overview of the major outcomes and lessons learned from the recent clinical studies and the paths for improving phage therapy against infectious biofilms.		
11:00	Bacteriophages for difficult-to-treat infections: a clinical perspective	C. Van Delden
11:30	Strategies to improve phage therapy against chronic infections	J. Azeredo
11:00 - 12:00		Hall H
Genomic epidemiology of foodborne pathogens		Invited chair
11:00	Lessons learnt from the largest outbreak of <i>Listeria monocytogenes</i> in the UK caused by smoked fish	G. Godbole
11:12	In the One Health and whole genome sequencing era: what is the role of epidemiological investigations in human <i>Campylobacter</i> outbreaks?	J. Young
11:24	The role of whole genome sequencing in identifying an outbreak of human cases of <i>Salmonella infantis</i> linked to raw pet food and poultry supply	C. Griffiths
11:36	Genomic population structure of <i>Vibrio parahaemolyticus</i> associated with food-borne outbreaks in Peru	R. Gavillan
11:48	Phylogenomics of non-typhoidal <i>Salmonella</i> recovered in Peru during the last 20 years	R. Gavillan

11:00 - 12:00		Hall I
Cardiovascular implant infections: current challenges Current challenges to the management of cardiac device infections will be addressed in this symposium, including an update on antimicrobial prophylaxis, epidemiological issues, pitfalls in microbiological diagnosis and challenges in antimicrobial treatment. The goal of this symposium is to provide physicians tools in diagnosing and treating these complex infections, from CADs (cardiac assist devices) and MCS (mechanical circulatory support) to TAVR (transcatheter aortic valve replacement) and CIEDI (cardiac implantable electronic device infection).		
11:00		B. Hasse
11:30		A. Maass
11:00 - 12:00		Hall J
Syphilis syndromes		Chair G. Guaraldi Reserve chair
11:00	A case of syphilitic pneumonia in a HIV patient	G. Pipitone
11:00	Diffuse syphilitic periostitis in a patient living with human immunodeficiency virus	A.-A. Alexander
11:00	A novel presentation of neurosyphilis in a no HIV-infected patient with fronto-temporo-parietal cerebral atrophy	E. Matteini
11:00	Ocular syphilis: retina the sole mirror of diagnosis and follow-up?	B. Bhattacharjee
11:00	Don't miss syphilis! A rare case of Tabes dorsalis in Switzerland	N. Bloch
11:00 - 12:00		Hall K
RSV control within reach There has been a significant progress in the development of respiratory syncytial virus (RSV) treatment and immunoprophylaxis. Several RSV targeting drugs (including an extended half-life monoclonal antibody for infants) and vaccines are about to enter clinical practice. Nine candidates are in phase 3 clinical trials. This session will review recent advances in RSV diagnostics, therapeutics and immunology of vaccines and monoclonal antibodies in clinical development and will highlight different target populations, antigens, and clinical trial results.		
11:00		P. Openshaw
11:30		E. Walsh
11:00 - 12:00		Hall L
Empowering bloodstream infection diagnosis		Chairs Y. Mo H. Seifert Reserve chair
11:00	Rapid species detection and antibiotic susceptibility profiling for bloodstream infections directly from whole blood at single digit pathogen concentrations	D. Kwon
11:12	Detecting pathogens and antimicrobial resistance in sepsis by suppression PCR-based selective enrichment sequencing (SUPSETS) using cell-free DNA	M. Sonntag
11:24	Challenges in the accurate detection of sepsis bacteria: assessment of residual DNA contamination in blood culture media	E. Franco
11:36	Two to five hours of incubation of blood culture bottles in a standard laboratory incubator followed by nanopore sequencing is enough for the identification of sepsis pathogens and their antimicrobial resistance genes	R. Ahmad
11:48	Impact of multimodal artificial intelligence using electronic health data and pathogen genomics to predict clinical outcomes from bloodstream infection: the SuperbugAi project	S. Tyagi
11:00 - 12:00		Hall M
Behavioural insights and community engagement to influence appropriate antibiotic use		Chairs E. Charani

Antibiotic use involves several stakeholders such as prescribers, pharmacists, nurses, and patients. Mitigating AMR requires behavioural interventions that influence a positive change regarding inappropriate use of antibiotics to preserve their efficacy and effectiveness and unlearning of set behaviours to create change. This requires that the appropriate behavioural approaches and key messages are shaped targeting the relevant communities, to guarantee ownership and adoption. All of these will create behaviour change champions, promote partnerships and include each and every person in contributing towards initiatives that encourage appropriate antibiotic use.

11:00	Using the WHO Tailoring Antimicrobial Resistance Programmes (TAP)	K. Kandelaki
11:30	Responsive dialogue toolkit for community engagement on AMR	R. Coetzee

11:00 - 12:00 Hall N

Pragmatic approaches in infection prevention and control		Chairs G. Caruana M. Semret Reserve chair
11:00	Impact of appropriate and timely surgical antimicrobial prophylaxis (SAP) and risk of surgical site infections (SSIs): a point prevalence cross sectional study	A. Lodi
11:12	Improvement of compliance to hand hygiene in outpatient dialysis centres-results of a cluster randomised intervention trial	T.-S. Kramer
11:24	Routine genomic surveillance of multidrug-resistant organisms across the United States	B. Corey
11:36	Faecal microbiota transplantation in Clostridioides difficile-associated diarrhoea: microbiome's analysis of donors and recipients	D. Guevara Nuñez
11:48	Use of device standardised infection rate (dSIR) and standardised utilisation ratio (SUR) in monitoring the efficacy of the bundle to prevent central line-associated bloodstream infections (CLABSIs) in intensive care unit (ICU).	S. Boni

11:00 - 12:00 Hall O

Clinical trials: SARS-CoV-2 treatment and prevention		Invited chairs
	Effectiveness of XXB.1.5 COVID-19 vaccine among medical risk groups and elderly: register-based cohort analysis, Finland	H.-M. Nohynek
	Safety and immunogenicity of a SARS-CoV-2 spike receptor-binding and N-terminal domain COVID-19 vaccine	S. Chalkias
	Interferon-α (IFN-α) nasal spray as prophylaxis reduces the incidence of COVID-19 in cancer patients: A randomized double-blinded placebo-controlled study (The C-SMART Trial)	M. Yong
	Remdesivir reduces mortality in elderly patients 65+ years hospitalised for COVID-19 during Omicron	E. Mozaffari
	Immunogenicity, reactogenicity and safety of a second booster with BNT162b2 or full-dose mRNA-1273: a randomised VACCCELERATE trial in adults ≥75 years (EU-COVAT-1-AGED Part B)	J. Stemler

11:00 - 12:00 Hall P

Difficult to treat bacterial infections: from skin to bone		Chairs S. Goepel B.-G. Szabo Reserve chair
11:00	Antimicrobial photodynamic therapy using organic light emitting diodes: bringing light closer to the skin	M. Leite De Avellar
11:12	Beta-lactam antibiotics penetration in bone and soft tissues	A. Cancela Costa
11:24	Impact of rifampicin resistance on the fitness and treatment options of methicillin-resistant Staphylococcus epidermidis	A.-K. Woischnig
11:36	Efficacy and safety of short-term therapy with single dose of dalbavancin for chronic prosthetic joint infection managed with two-stage exchange	E. Benavent Palomares
11:48	Phage cocktail combined from the phages isolated from phage-resistance mutants improved the activity against Pseudomonas aeruginosa PAO1	Y. Ning

11:00 - 12:00 Meeting Room 8.31 (Hall 8.1 - CC8 upper floor)

Nosocomial Infections Study Group open meeting

The official open business meeting for the ESCMID Study Group for Nosocomial Infections (ESGNI). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

Meeting host

C. Cimen Van Dijk
S.-J. Dancer
E. Presterl
M.-C. Vos
W. Zingg

11:00 - 12:00

Meeting Room 8.45

ESCMID / ASM board meeting

Meeting participant

S. Brüderli
C. Kraft
R. Patel
A. Pirosa
R. Skov
A. Zinkernagel

11:00 - 12:00

Meeting Room Vienna
(Hall 8.0)

Genomic and Molecular Diagnostics Study Group open meeting

The official open business meeting for the ESCMID Study Group for Genomic and Molecular Diagnostics (ESGMD). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

Meeting host

H.-V. Aamot
A. Egli
M. Ramirez
B. Rodriguez-Sanchez
J.-W.-A. Rossen

11:30 - 11:50

Innovation Theater

New solutions for nucleic acid detection using 1-step RT-qPCR

11:30 New solutions for nucleic acid detection using 1-step RT-qPCR

A. Ziupkaite

11:59 - 13:30

Poster Area

Poster Session : Categories 2, and 5

12:00 - 12:20

Innovation Theater

Introduction to the microbiological activity of a new BL/BLI - cefepime-enmetazobactam

12:00 Introduction to the microbiological activity of a new BL/BLI - cefepime-enmetazobactam

L. Dortet

12:00 - 13:00

Meeting Room Munich
(Hall 8.0)

Non-traditional Antibacterial Therapy Study Group open meeting

The official open business meeting for the ESCMID Study Group for Non-traditional Antibacterial Therapy (ESGNTA). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

Meeting host

Z. Drulis-Kawa
T. Ferry
S. Mccallin
R. Nir-Paz
J.-P. Pirnay

2a. Tuberculosis and other mycobacterial infections (incl epidemiology, clinical, diagnostics, antimycobacterial drugs, susceptibility testing, treatment & prevention)

Tuberculosis severity predictive model using Mtb variants and serum biomarkers in a Colombian cohort of APTB patients	A. Baena
Cerebrospinal fluid adenosine deaminase levels are non-discriminatory for the diagnosis of tuberculous meningitis in moderate TB incidence Singapore	M.-C.-Y. Koh
Phylogenomics of <i>Mycobacterium avium</i> complex from clinical respiratory samples	K.-L. Chew
Treatment success rate of nontuberculous mycobacteria was low in Arkhangelsk region of Russia in 2010-2020	P. Eliseev
An easy and rapid method for differentiating <i>Mycobacterium ulcerans</i> from <i>M. marinum</i> based on lipid spectra	K. Takeshi
Omadacycline alone and in combination as a treatment option for <i>Mycobacterium avium</i> infections	S.-E. Mudde
Multicentre <i>in vitro</i> susceptibility of nontuberculous mycobacteria to apramycin and amikacin: comparing MIC distributions and tentative epidemiological cutoffs	N. Minh-Vu
Increased risk of all cause-mortality in active tuberculosis patients attributed to SARS-CoV-2 infection: time-dependent survival analysis in Chile	S. Vargas Garcia
Biofilm prevention concentration of clarithromycin against clinically relevant species of nontuberculous mycobacteria	A. Senhaji
Transmission dynamics and genotypic diversity of <i>Mycobacterium tuberculosis</i> in Colombian persons deprived of liberty	A. Heilmann
<i>Mycobacterium abscessus</i> infection in children: a six year study in Singapore	C.-Y. Chong
Extrapulmonary nontuberculous mycobacteria infections: a ten-year review in a tertiary care hospital in Belgium	E. Larrañaga Lapique
Video-observed therapy (VOT) vs directly observed therapy (DOT) for tuberculosis treatment: a systematic review on adherence, cost of treatment, time spent observing treatment and patient satisfaction	T. Netto
The discordant diagnostic dilemma: analysis of the anyplex II MTB/MDR and BACTEC MGIT 960 system to assess the susceptibility of <i>Mycobacterium tuberculosis</i> from clinical specimens	K. Wongjarit
Risk of tuberculosis among recent arrived minor migrants: A nationwide cohort study	K.-L. Kristensen
Occurrence of mutations associated with rifampicin and isoniazid resistant in <i>Mycobacterium tuberculosis</i> isolates from patients in Kaduna state Nigeria	K. Mamuda
Doxycycline normalises vasculatures to enhance TB drug delivery in CNS-tuberculosis	F.-K. Loh
Effect of aminoglycoside-induced ototoxicity on NTM guideline-based therapy (NTM-AGOTO) (ESGMYC)	F. Drobniewski
Optimizing the preparation of non-tuberculous mycobacterial (NTM) isolates for MALDI-TOF (VITEK) MS identification and speciation	K. Malur
Contezolid demonstrated equivalent efficacy to linezolid in tuberculosis treatment in an early bactericidal activity study	M. Gao
Rifampicin resistant <i>Mycobacterium tuberculosis</i> complex strains with <i>rpoB</i> H491F mutation missed by GenoType MTBDRplus in Mozambique	S. Niemann
Contribution of commercial test in the diagnosis of extra-pulmonary tuberculosis: first experience in Algeria	A. Zerouki
Bedaquiline and clofazimine synergy against <i>Mycobacterium abscessus</i> clinical strains	P. Solanki
Occupational latent tuberculosis infection among healthcare workers in Vietnam: prevalence and risk factors	V. Nguyen
A dose escalation study to evaluate the safety of aerosol BCG infection in previously BCG-vaccinated UK adults	T. Fredsgaard-Jones
Targeted pan-mycobacterial PCR increases diagnostic yield compared to 16S rRNA gene PCR and culture alone	L. Atkinson
Clinical and genomic features of <i>M. avium</i> complex: a multi-national European study	N. Wetzstein
Occurrence of nontuberculous mycobacteria in households and urbanised environments	P. Wójtowicz
Evaluation of the NTM Elite agar for cultivation of nontuberculous mycobacteria from different types of environmental samples	P. Wójtowicz
Blood-based mRNA test for tuberculosis shows promising diagnostic accuracy	S. Yerlikaya
C-terminal region of Rv1039c (PPE15) of <i>Mycobacterium tuberculosis</i> induces mitochondria mediated macrophage apoptosis	P. .
Evaluation of an automated molecular assay for the detection of <i>Mycobacterium tuberculosis</i> in cerebrospinal fluid (CSF)	M. Charles

	Detection of T-cell responses in tuberculosis patients using a new prototype interferon-gamma release assay	I. Latorre
	Development of a multiplex droplet digital PCR method for detection and monitoring of Mycobacterium tuberculosis and drug-resistant tuberculosis	Y.-J. Choi
	Modern Mycobacterium tuberculosis lineages are driving cross-border transmission of multidrug-resistant tuberculosis	P. Gomes
	Clinical characteristic and mortality of tuberculosis in adult people living with HIV/AIDS: a single centre retrospective cohort study in Thailand	H. Chaicharoen
	Mycobacterium smegmatis : a case series and review of antimicrobial susceptibility patterns	P. Crowley
	The challenge of tuberculosis diagnosis in malnourished children: employing clinical scores in Tosamaganga Hospital, Tanzania	A.-H. Markowich
	Solving the gap between molecular and genomic epidemiology in tuberculosis: inferring MIRU-VNTR patterns from genomic data	S. Buenestado-Serrano
	In vitro evaluation of inhaled pentamidine for the treatment of pulmonary M. tuberculosis H37Rv	J. Raaijmakers
	Culture-free sequencing reveals high correlation in Mycobacterium tuberculosis genomic variability compared to culture	C. Mariner-Llicer
	A recombinant adenylate cyclase toxoid expands HLA-E-restricted cytotoxic CD8 ⁺ T cells against Mycobacterium tuberculosis	G.-D. Badami
	Increasing problem of drug-resistant tuberculosis in Nepal	P. Shrestha
	Blood-based three-gene TB host response score is predictive of TB disease or 30-day mortality in hospitalised Ugandans with advanced HIV disease: a prospective cohort study	J. Ellis
	In vitro susceptibility testing of BTZ-043 against Mycobacterium tuberculosis complex isolates to establish the epidemiological cut-off values and MIC distribution	I. Iannucci
	Improved detection of mycobacteria in CF and tissue samples cultivated in mycobacterium growth indicator tube incubated at 30°C compared to conventional growth conditions of liquid and solid media	J. Kehrmann
	Increased risk of malignancy in patients with tuberculosis: a nationwide cohort study	J. Kim
	Simplified strategy to update tuberculosis transmission situation in Madrid by rationalising molecular and genomic sequential analysis	C. Rodríguez
	PanSpotyping: fast and accurate in silico Mycobacterium spoligotyping with pangenome	C.-Y. Tang
	Tuberculosis infection control in Nepal	P. Shrestha
	Genomic variations in Mycobacterium tuberculosis from pulmonary and extrapulmonary isolates: Insights into compartmentalization	G. Lina
	Tuberculosis-associated hemophagocytic lymphohistiocytosis: diagnostic challenges and determinants of outcome	L. Kurver
	Management of latent tuberculosis infections: national survey among French physicians	N. Dourmon
	Mycobacterium chimaera : a respiratory pathogen to be considered	A. Arnaiz-Nieva
	Speciation of nontuberculosis <i>Mycobacteria</i> and implication for disease management in Sheffield	E. Ward-Williams
	Diagnostic performance of a two new molecular assays for Mycobacterium tuberculosis complex and non-tuberculous mycobacteria detection from respiratory tract specimens	A. Llop-Alguero
	Deeplex Myc-TB: performance evaluation and integration in diagnostic workflow for tuberculosis	E. Nicolini
	Application of Fourier-transform infrared spectroscopy for differentiation of Mycobacteroides abscessus complex subspecies	N. Mauder
	TB-SEQ: a new strategy to complement tuberculosis contact tracing in Catalonia	E. Martró
	A global perspective: the gene expression profile of tuberculosis disease among people living with HIV	E.-J. Taguiam
	Integrative analysis of blood transcriptomes and machine learning models, unveiling potential biomarkers for discriminating high-risk tuberculosis infection	M. Omrani
	Mycobacterium abscessus resistance to beta-lactams in cystic fibrosis outbreak strains	A. Zelazny
	Point-of-care ultrasound and urine lipoarabinomannan testing to identify disseminated tuberculosis among patients with HIV at a teaching hospital in Accra, Ghana	J. Åhsberg
	Completion rate and side effects of two regimens for the treatment of tuberculosis infection: a randomised controlled trial	A. Matteelli
	Effect of clarithromycin in the viability of Mycobacterium avium complex species biofilms	J. Esteban
	Improved identification of Mycobacterium avium complex by MALDI-TOF coupled with machine learning	M. Dulion
	Increase in cases of nontuberculous mycobacterial lymphadenitis presenting to Children's Health Ireland: results of a 15-year retrospective case review	C. Ó Maoldomhnaigh
	Dynamic PET facilitated development of antibiotic regimens for tuberculous meningitis due to multidrug-resistant strains	S. Jain
	Low tuberculosis interferon-gamma release assay conversion rate among exposed healthcare workers	G. Suleyman

	Comparison of MIC results obtained with EUCAST BMD and MGIT for levofloxacin, moxifloxacin, D-cycloserine and linezolid	C. Massey
	Comparison study of mutations in a drug-resistant <i>Mycobacterium tuberculosis</i> isolates with rifampicin, fluoroquinolones, bedaquiline, delamanid, pretomanid and linezolid MICs in Korea using whole genome sequencing & 2023 WHO mutation catalogue	L. Hee Joo
	Systematic evaluation of clarithromycin resistance-associated mutations in <i>Mycobacterium abscessus</i> species based on whole genome sequencing and drug susceptibility testing	M. Yoshida
	Point-of-care ultrasound in evaluation of people living with HIV with disseminated infection due to non-tuberculous mycobacteria: a multicentre case-series	F. Taccari
	Biomarkers to differentiate between tuberculosis and conditions mimicking tuberculosis: a prospective diagnostic accuracy study	A. Østergaard Ahrens
	Increasing nontuberculous mycobacteria recovery rate and regional difference of mycobacterial species over 11 years in a Korean tertiary care hospital	J.-H. Park
	When atypical does not mean uncommon. <i>Mycobacterium fortuitum</i> infection in breast surgery with prosthesis implant: case report and literature review	L. Bonato
	Improving tuberculosis diagnosis using a hidden Markov model-based decision model for multiple testing strategy	O. Opota
	Culture-free whole genome sequencing of <i>Mycobacterium tuberculosis</i> using ligand-mediated bead enrichment method	S. Vasanthaiah
	Diagnostic performance of a WHO-recommended rapid diagnostic test in detecting rifampicin susceptibility in a low drug-resistant setting	T.-H. Chan
	Modifications in chronic colonisation by nontuberculous mycobacteria after CFTR-modulator treatment in cystic fibrosis patients	M.-P. Vargas Durán
	^{99m} Tc-labelled ethambutol scintigraphy with SPECT/CT in patients with abdominal tuberculosis: a pilot study	S. Sikdar
	Reassessing ongoing risk of <i>Mycobacterium chimaera</i> infection following exposure to heater cooler units during cardiothoracic surgery in the UK	L. Maynard-Smith
	Evaluation of rapid molecular MTB/XDR assay in England: a low incidence drug resistant TB setting	E. Ferran
	The first evaluation of targeted nanopore-based sequencing for tuberculosis drug resistance detection	K. Moghaddasi
	Tuberculosis contact investigation: a 20 year experience from a third-level hospital in Girona	M. Quintana Grijalvo
	Burden of tuberculosis in migrant populations in the Middle East and North Africa: a systematic review	T. Maatoug
	Culprit or coloniser? To treat or ignore? Clinical relevance of nontuberculous mycobacteria (NTM) isolated in a tertiary care hospital in Western Rajasthan: time to go from bench side to bed side	N. John
	Exploring the link between psychosocial stress, mental health, and tuberculosis: a mixed methods study	S. Hayward
	Adjunctive host-directed therapy to improve tuberculosis treatment outcomes: a systematic review	G. Skellern
	<i>Mycobacterium kansasii</i> in cancer patients: a 15-case series	P.-R. Bonazzi
	Short course treatment strategy for the treatment of rifampicin resistant tuberculosis: comparison between a bedaquiline-based regimen and a bedaquiline-free regimen	J. Martinez Camprecios
	Comparative evaluation of sampling methods for detection of <i>Mycobacterium leprae</i> in suspected leprosy patients by RLEP-PCR	M. Kaur
	Rapid prediction of drug susceptibility using targeted NGS analysis of sputum from active TB patients in Japan	A. Takaki
	A novel, high-content imaging-based phenotypic screening assay to advance drug discovery for nontuberculous mycobacteria (NTM)	W. Chiu
	1-day phenotypic drug susceptibility testing for <i>Mycobacterium bovis</i> BCG using single-cell imaging and a deep neural network	B.-M. Tran
	16S rRNA as a pathogen-directed biomarker of early treatment response in patients with susceptible tuberculosis	S. Matukane
	Rapid nanomotion-based phenotypic antibiotic susceptibility testing for the detection of bedaquiline resistance in MDR- and XDR-TB	A. Vocat
	Quantiferon-TB Gold Plus in children: its role in discriminating latent from active Tuberculosis and monitoring LTB prophylaxis	F. Bisognin
	An individual-level pooled analysis of pyrazinamide toxicity and weight-based dosing in pulmonary tuberculosis in adults	N. Narayanan
	Development of tuberculosis in biological treated patients and evaluation of a screening strategy for latent tuberculosis infection based on QuantiFERON-TB Gold	S. Pérez-Recio
	Epidemiology and drug susceptibility of nontuberculous mycobacteria (NTM) in the province of Pavia: an overview	M. Siciliano
	Integration of whole genome sequencing data for cluster analysis as part of the tuberculosis surveillance in Germany: results from three cities	T. Domaszewska
	New genome wide association study for tuberculosis meningitis and other extra-pulmonary clinical forms using different algorithms and statistical ranking	K. La
	Analytical and clinical assessment of the PATHFAST TB LAM Ag assay for tuberculosis treatment monitoring	Y.-A. Shuaib

The protection role and mechanism of intestinal Prevotella-induced differentiation of Th17 in latent tuberculosis infection	Y. Huang
Implementation of the Bandim TBscore and routine testing of urine samples improves diagnostic efficacy amongst treatment naïve HIV patients	S. Duus
Mycobacterium abscessus genomic epidemiology in Northern Ireland, UK	Z. Johnston
Efficacy and safety of a preventive strategy against tuberculosis in liver transplantation recipients including treatment of latent infection with moxifloxacin	M. Fayos
Repeating the borderline interferon-gamma release assay (IGRA) test one month later in a general hospital: benefits and controversies	F.-D.-M. Valenzuela Medina
Determining the effects on fitness of all mutations in the rifampicin resistance-determining region of mycobacteria	H. Zhao
The correlation of phenotypic and genotypic methods, including the WGS, for detection of drug resistance of Mycobacterium tuberculosis	N. Ciobanu
SIRT2 inhibition by AGK2 enhances mycobacteria-specific stem cell memory responses by modulating beta-catenin and glycolysis	A. Bhaskar
Analysing decadal trends in nontuberculous mycobacteria prevalence and diversity in South Korea: insights from a large-scale clinical laboratory dataset	C. Jinhee
The diagnosis, management and outcome of bone and joint tuberculosis infections in UK adults	C. Hall
Tuberculous meningitis: a retrospective study in a Portuguese Hospital	F. Novela
Coinfections in patients with nontuberculous mycobacteria	P.-Í. Oliveira Gomes
Ultrasound findings in patients with peritoneal tuberculosis: a proposal for improving a protocol of “point-of-care” ultrasound	A. Frater
First insights into the genetic composition of Mycobacterium tuberculosis strains circulating in Kosovo with Deeplex Myc-TB	R. Bajrami Halili
Mass spectrometry-based metabolite profiling to explain differential inhibitory effect of gallium levofloxacin and gallium linezolid combinations on drug-resistant Mycobacterium tuberculosis	O. Rzhepishevskaya
Spontaneous mutations conferring antibiotic resistance to new aroylhydrazones at a range of concentrations in Mycobacterium tuberculosis	S. Dimitrov
Therapeutic drug monitoring of rifampin in a cohort of patients with pulmonary and extrapulmonary TB	B. Granozzi
Performance evaluation of the FluoroType® MTBDR VER 2.0 with dual target detection of Mycobacterium tuberculosis complex from native sputum and culture	V. Allerheiligen

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12:00 - 13:30	Poster Area
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2b. Severe sepsis, bacteraemia & endocarditis (incl epidemiology, diagnosis, host bio-markers, treatment and outcome prediction)	
Characteristics of bloodstream infections in patients with liver cirrhosis in a general hospital	S. Nguyen
Patterns of lymphocyte count as a predictor of early mortality among adult patients with sepsis admitted at a tertiary hospital June 2020 - January 2022	S.-A. Ricafrente
Mucositis-associated bloodstream infections in haematology patients with fever during neutropenia	N. De Jonge
Reliability of differential time to positivity technique in the diagnosis of catheter-related bloodstream infection: a retrospective analysis	A. Irigoyen-Von-Sierakowski
Follow-up, diagnosis, and outcomes of fever of unknown origin cases in which no diagnosis was established after initial evaluation: an international ID-IRI study	O.-R. Sipahi
Importance of source control in the subgroup of intra-abdominal infections for septic shock patients: analysis of 390 cases	U. Önal
Prompt identification of etiologic microorganisms and their susceptibilities in bloodstream infections using a novel filtration concentration method	Y.-C. Fu
Code sepsis: incidence, prognosis and risk factors of sepsis-associated mortality	M.-E. Martinez-Núñez
A comparative study of ceftazidime/avibactam-based and fosfomycin plus meropenem-based regimens for managing infections caused by carbapenem-resistant Klebsiella pneumoniae in critically ill patients	U. Önal
Emergence of invasive group A streptococcal (iGAS) bloodstream infections (BSIs) in a French general hospital	S. Nguyen
Time to positivity is a risk factor for death among patients with bloodstream infections	K. Laupland
Gram-negative bloodstream infections in hospitalised Australian children: epidemiology, antimicrobial resistance and clinical outcomes	S.-C.-H. Wen
The effects of appropriate and inappropriate diagnosis and treatment of urinary tract infections on patient outcomes	R. Oettle
Blood culture contamination in a tertiary care hospital: a three-year study	B. Aiesh
Contezolid, a novel oxazolidinone, is non-inferior and safer comparing with linezolid in treating Gram-positive sepsis	C. Dayu

	Direct identification of microorganisms by MALDI-TOF MS from positive blood cultures and rapid antibiotic susceptibility testing	B. Ergan
	The effect of P2Y12 inhibitor in addition to anti-staphylococcal therapy on microbiologic clearance in patients with Staphylococcus aureus bacteremia	N. Mori
	Multidrug-resistant pathogens and predictors of all-cause mortality in healthcare-associated bloodstream infections in intensive care unit at the University Hospital Center Zagreb over five-year period	D. Varda Brkic
	Epidemiological and molecular insights into P. aeruginosa bloodstream infections: pre- and post-COVID comparison	Y. Saenz
	Neonatal early-onset sepsis bacterial etiology correlates with placental bacterial culture results	M. Jaboyedoff
	Anaerobic growth as an independent prognostic factor of mortality in Pseudomonas aeruginosa blood stream infections	D.-N. Marco
	Risk factors for healthcare-associated Enterobacterspp. bacteremia: a case-case-control study	S. Wu
	Follow-up blood cultures in Streptococcal and Enterococcal bacteremia, are they of any value?	R.-S. De Boer
	Onset of nosocomial bloodstream infection in intestinal carriers of multidrug-resistant enterobacterales: a retrospective cohort study	N. Henoun Loukili
	Infective endocarditis and disvertebral infections in older adults: complications and functional decline	E. Cassand
	Low-risk Staphylococcus aureus bacteremia patients do not require routine diagnostic imaging: a multicentre retrospective cohort study	M. Hendriks
	Feasibility study of hyperbaric oxygen treatment for left-sided infective endocarditis	C.-J. Lerche
	A quantitative point-of-care device based on measurement of sTREM-1 levels for risk-stratification of febrile patients	B. Baro Sastre
	Computational map of disease showed new aspects of severe systemic infections due to P. aeruginosa	F. Messina
	Community-acquired Staphylococcus aureus bacteraemia among people who inject drugs: a national cohort study in England, 2017-2020	E. McGuire
	Prevalence and molecular epidemiology of carbapenem-resistant Acinetobacter baumannii isolates from bloodstream infections: the first report of NDM-1 producing A. baumannii in Korea	Y.-A. Kim
	Comprehensive analysis of myeloid nuclear differentiation antigen in urinary tract infection and urosepsis	Z. Chang
	Obesity paradox does not apply to young adult patients with sepsis: analysis of the MIMIC-IV database	Y. Lee
	Benchmarking hospitals for comparing and understanding differences in antimicrobial resistance and hospital-acquired bloodstream infections	R. Amarsy
	Serum cytokine levels in early neonatal sepsis identify IL-27 as a predictive clinical biomarker	C. Meyer
	Nomenclature, definitions, and methodological approaches to estimate the impact of inappropriate antimicrobial treatment on drug-resistant bloodstream infection outcomes	N. Hassoun-Kheir
	Exploring neutrophil migration dynamics in severe UTIs: Longitudinal analysis and clinical correlations	L. Karwath
	Ceftobiprole is safe and efficacious in treating renal impaired patients with complicated Staphylococcus aureus bacteraemia (SAB), including those on dialysis: results from the ERADICATE Phase 3 study	M. Engelhardt
	Does age matter? Risk factors, complications, and outcomes among patients with infective endocarditis	C.-M. Ayaz
	An analysis of baseline conditions or complications of S. aureus bacteraemia from a double-blind, randomised Phase 3 study (ERADICATE) comparing ceftobiprole vs daptomycin	T. Holland
	An easy and cheap prognostic factor: does the hematocrit-corrected erythrocyte sedimentation rate to albumin ratio predict mortality in infective endocarditis patients	C.-M. Ayaz
	Characteristics of urosepsis caused by ESBL producing Enterobacterales in Croatia	A. Lončar
	Comparison of ceftobiprole versus daptomycin for time to S. aureus bloodstream clearance in the recent double-blind randomised Phase 3 study (ERADICATE)	T. Holland
	Rectal colonisation by carbapenem-resistant Gram-negative bacteria and subsequent occurrence of bloodstream infection	A. Kassomenaki
	Exploring antibiotic combinations in the treatment of prosthetic valve endocarditis and prosthetic osteoarticular infections: prevalence and clinical impact of drug interactions	N. Fatsis-Kavalopoulos
	Characteristics and prognosis of patients following complete surgical removal of infected vascular graft	I. Cabezon
	Sepsis knowledge and management proficiency of nurses and physicians in tertiary care neonatal units of Switzerland	S. Meylan
	Epidemiology of bloodstream infections caused by extended-spectrum cephalosporin-resistant Escherichia coli and Klebsiella pneumoniae in Switzerland, 2015-2022: secular trends and association with the COVID-19 pandemic	L. Damonti
	Different evolutions in incidence of invasive bacterial infections in Belgium	S. Desmet
	E.faecium bloodstream infections and vancomycin resistance role: a five-year retrospective analysis in an Italian tertiary care hospital	L. Graziani
	Real-world data on the use of intravenous (IV) fosfomycin for the treatment of critically ill patients: an update from a European, multicentre, non-interventional and prospective clinical study (FORTRESS)	K.-F. Bodmann

	Risk factors for <i>Aerococcus</i> bloodstream infection: a nationwide observational case-control study	J. Walles
	Modelling the implementation of narrow versus broader spectrum antibiotics in the empiric treatment of <i>E. coli</i> bacteraemia	M. Khurana
	Electric field-mediated sample preparation for accelerated sepsis diagnosis: an innovative approach for blood cell lysis while keeping pathogens viable	S. Reischl
	Update of the leading causative organisms in community-acquired sepsis in a French paediatric emergency department	L. Jahdauti
	Retrospective review of <i>Streptococcus bovis</i> - <i>Streptococcus equinus</i> complex bacteraemia over a 5-year period in Greater Glasgow and Clyde	S. Harwood
	Characteristics and outcomes of <i>Stenotrophomonas maltophilia</i> bacteremia: An 18-year study at two tertiary hospitals in South Korea	S. Kim
	Evaluation of empirical treatment coverage in native valve endocarditis: are two antibiotics better than one?	O. Acet
	Prevalence of extracardiac vascular complications in <i>Abiotrophia</i> spp. and <i>Granulicatella</i> spp. infective endocarditis: a single-centre experience and a systematic review of the literature	G. Pozza
	Time to positivity as a mortality and source predictor in adults with <i>Pseudomonas aeruginosa</i> bloodstream infection	D.-N. Marco
	A hidden factor to healthcare-associated bloodstream infections: collection and technique of blood culture sampling	G.-J. Chen
	Intensive care unit-onset bloodstream infections represent a distinct category of hospital-onset infections: a retrospective cohort study of bloodstream infections in ICU patients	K. Laupland
	Two clades involved in a cluster of invasive group B streptococcal infection in non-pregnant adults in Hong Kong public hospitals in 2021 and 2023	C. Li
	Poly-microorganisms detected by droplet digital PCR and increased pathogen load a week after sepsis diagnosis were associated with poor prognosis	Z. Haocheng
	Risk factors and binary prediction models for bacteremia in patients with persistent neutropenic fever	K.-R. Kim
	Impact of daptomycin dosing on mortality for vancomycin resistant enterococcal bloodstream infections in an Australian teaching hospital	K. Cairns
	How do experts classify sepsis cases for sepsis surveillance? Lessons learned from a behavioural artificial intelligence technology approach	R. Tuinte
	High prevalence of hypogammaglobulinemia and B-cell malignancies in adults with invasive pneumococcal disease	K. Bergman
	Tracking the evolution of antimicrobial resistance: whole genome sequencing for monitoring recurrent bacteremia caused by carbapenem-resistant <i>Enterobacteriaceae</i>	D. Jalal
	Predicting antimicrobial resistance in Gram-negative bacterial bloodstream infections through evaluation of dynamic host responses and deep learning	V. Vasikasin
	SepsiSTAT: automated microbial extraction and enrichment for rapid BSI detection and AST, direct from blood	D. Lockhart
	Epidemiology and outcomes of invasive group A Streptococcal bacteraemias 2017-2022: an increasing prevalence	J. Ng
	Early oral switch in endocarditis: an international cross-sectional survey by ESGBIES – results of the interim-analysis	P. Mathé
	Identifying populations at increased risk of <i>E. coli</i> bloodstream infections	E. Pritchard
	Follow-up blood cultures do not reduce mortality in hospitalised patients with Gram-negative bloodstream infection: a population-wide cohort study	S.-W.-X. Ong
	Implication of <i>Staphylococcus aureus</i> isolation from intravenous catheter tips in the absence of positive blood cultures	Y.-M. Martínez Ysasis
	Understanding the burden of group A streptococcus bloodstream infections over an 8-year period in an Irish tertiary hospital	L. Kelly
	Bacterial endocarditis: is the oral switch the optimal future strategy? A systematic review and meta-analysis	B. Barda
	Inappropriate empirical antibiotic therapy does not adversely affect outcome for patients with bacteraemia caused by ESBL-producing Enterobacterales	D. Bremell
	Piperacillin/tazobactam-resistant, ceftriaxone-susceptible <i>E. coli</i> bacteremia: a single centre experience	T. Albano
	Ceftaroline vs vancomycin monotherapy for methicillin-resistant <i>Staphylococcus aureus</i> bacteremia: a matched cohort study	R. Bitterman
	Hypervirulent <i>Klebsiella pneumoniae</i> bacteremia	M. Hamidi
	Epidemiology of infective endocarditis: data from a reference centre with cardiac surgery (2016-2022)	F. Artigues Serra
	<i>Enterobacter</i> invasive infections and their antimicrobial susceptibility patterns in children at a rural Kenyan hospital: a 10-year analysis	J. Nyandwaro
	Impact of evidence-based quality-of-care processes from clinical trial (CAMERA2) participation on methicillin-resistant <i>Staphylococcus aureus</i> bacteraemia outcomes: an international, multicentre, retrospective study	R. Lee
	Defining clinical success in methicillin-resistant <i>Staphylococcus aureus</i> bacteremia patients treated with daptomycin and ceftaroline combination therapy	H. Schultz

	Biofilm formation ability is not associated with worse outcome in <i>Acinetobacter nosocomialis</i> bacteremia	Y.-T. Lee
	Increase in bloodstream infections caused by MDR <i>Staphylococcus haemolyticus</i> during the COVID-19 pandemic	M. Bonilla-Moreno
	Approach to febrile neutropenia in Belgian hospitals	Y. Vanbiervliet
	Novel sequence types, carbapenem resistance, virulence, neonatal sepsis: the <i>Acinetobacter</i> non- <i>baumannii</i> story	S. Basu
	Multi-modal strategy reduces paediatric blood culture contamination rates and costs at a regional hospital in South Africa	K. Masemola
	Impact of a bundle intervention on clinical outcomes and adherence to quality of care indicators of <i>Staphylococcus aureus</i> bacteremia in non-referral community hospitals	F. Escruihuela-Vidal
	Impact of de-escalation in prognosis of patients with bloodstream infection by <i>Enterobacterales</i> presenting with sepsis or septic shock: a post-hoc analysis of a prospective multicentre cohort	F. Escruihuela-Vidal
	Emulating a target trial of early compared to late initiation of appropriate antibiotic therapy for hospital-acquired monobacterial Gram-negative bloodstream infections	A.-T. Aslan
	Molecular evidence of <i>Coxiella burnetii</i> and <i>Bartonella quintana</i> endocarditis in Iran: a cross-sectional study	S. Esmaeili
	Decrease in hospital-acquired bloodstream infection rates in very low birth weight infants: data from 14 years of country-wide surveillance in Germany	F.-D. Ruether
	Short duration for the treatment of carbapenemase-producing <i>Enterobacterales</i> bloodstream-infections: is an effective treatment?	C. Sánchez-Martínez
	Body mass index and waist circumference increase the incidence of infective endocarditis in patients with diabetes mellitus: nationwide cohort study	J. Kim
	The excess burden of antibiotic-resistant bloodstream infections among hospital patients: evidence from a retrospective cohort study in Chile, 2018-2022	K. Allel
	Clinical, microbiological and treatment features of infective endocarditis caused by <i>Cardiobacterium</i> spp. in a general hospital over 15 years	A. Estévez
	Epidemiology of ICU-acquired bloodstream infections in Italian intensive care units: data from the Italian network for the evaluation of ICU interventions	C. Genovese
	Adherence to 2022 IDSA guidance for the treatment of <i>Stenotrophomonas maltophilia</i> bloodstream infections: a multicentre cohort study	R. Pascale
	Evaluation of outpatient parenteral antimicrobial therapy (OPAT) for infective endocarditis patients in a Belgian tertiary care centre	H.-C. Van Den Hout
	Severity of disease in <i>Streptococcus dysgalactiae</i> subspecies <i>equisimilis</i> bacteremia: a prospective 4-year study, Finland	V. Nevanlinna
	The impact of risk factors for mortality in persistent <i>Staphylococcus aureus</i> bacteremia over time	A. Westgeest
	Post-operative treatment regimens in patients with native valve endocarditis due to <i>Staphylococcus aureus</i> who undergo valve replacement or repair	S. Katragadda
	Hypervirulent <i>Klebsiella pneumoniae</i> causing bloodstream infection in Hungary	F. Mohamed
	<i>Granulicatella adiacens</i> penicillin-binding proteins (PBPs) ceftobiprole inhibition: time for double beta-lactam treatment in combination with ampicillin for infective endocarditis (IE)?	A. Pagotto
	Coagulase-negative <i>Staphylococcus</i> endocarditis: risk factors and outcome	M. Suarez
	Bacteremia in Denmark from 2010-2022: A population based nationwide cohort study	R.-B. Dessau
	Partnership with a commercial bloodstream infection service team significantly improves blood culture volumes in one Spanish hospital emergency department	L. Cooper
	An anti-infective immunotherapy against <i>Klebsiella pneumoniae</i>	S. Pandey
	Time to positivity re-evaluation and local epidemiology of blood cultures in Romagna, Italy	A. Marzucco
	Septris2.0: an updated, free, mobile, online simulation game that improves sepsis recognition and management	S. Meylan
	Comparison of Qvella's Fast ID BSI with standard blood culture for the recovery of pathogens from blood of bacteremic patients	H. Salimnia
	Cut the contaminants: improving blood culture contamination rates in a tertiary centre emergency department	S. Kenny
	Incidence risk of hospital-acquired infections due to carbapenem-resistant <i>Enterobacteriaceae</i> and <i>Pseudomonas aeruginosa</i> spp. in patients treated in intensive care units in Italy (INCREASE-IT Study)	M. Rinaldi
	Transcatheter valve replacement as a salvage treatment for heart failure in infective endocarditis: a multicentre case series	M. Villamarín Melio
	Prevalence of <i>Escherichia coli</i> resistant to piperacillin/tazobactam causing bloodstream infections in human adults after treatment with piperacillin/tazobactam: systematic review of literature and experience of a tertiary level hospital in Italy	R. Murri
	Investigation of the epidemiology, causative pathogens, complications and outcomes of infective endocarditis in cancer, transplantation and patients receiving immunosuppressive therapy.	Ö.-K. Azap
	Bacterial and fungal etiologies of bloodstream infections in children in a reference center in Yaounde, Cameroon	B.-M. Minka Obama
	<i>Fusobacterium</i> invasive infections: a ten-year overview of hospitalised patients in a tertiary healthcare centre	B. Gjurašin

	Emergence of carbapenemase-producing <i>Enterobacterales</i> and clinical characteristics of carbapenem-resistant invasive infections in Chile (2018-2023)	A.-S. Peters
	Carbapenem combination therapy versus standard of care for persistent methicillin-susceptible <i>Staphylococcus aureus</i> bacteremia and endocarditis	S. Shah
	Decision-support artificial intelligence models to predict the pattern of antimicrobial resistance in Gram-negative bloodstream infections	C. Bonazzetti
	The role of valve culture in the prognosis of patients with infective endocarditis	P. Rubinan
	Characteristics of infections due to subspecies of <i>Streptococcus gallolyticus</i> identified in two Romanian hospitals	E.-C. Pál
	Temporal trends in sepsis incidence and outcomes in Latvia (2015-2020): a retrospective administrative data study	L. Puceta
	Long-term outcomes and health care utilisation in sepsis survivors in Latvia: a retrospective observational study using nationwide administrative data	L. Puceta
	Activity of ceftobiprole alone versus ampicillin plus ceftriaxone against clinical <i>Enterococcus faecalis</i> blood isolates in 24-hour time-kill assays	J. Cusumano
	New β -lactam/ β -lactamases inhibitor combinations can improve prognosis of KPC-producing <i>Enterobacterales</i> bloodstream infections	A.-C. Carvalho
	A systematic review of dalbavancin use as a sequential therapy for infective endocarditis	G.-M. Leanza
	Factors associated with treatment failure of <i>Stenotrophomonas maltophilia</i> bloodstream infections from a single-centre study	S. Shah
	EPIDEMIOLOGY OF BACTEREMIA AMONG ALLOGENEIC TRANSPLANTATION THROUGHOUT 12-YEAR PERIOD	R.-M. Pacheco-Gonzalez
	Blood cultures contamination rate: overview of an Italian hospital	G. Renisi
	Comparison of ceftriaxone versus ceftaroline in combination with ampicillin or penicillin against <i>Enterococcus faecalis</i> bloodstream isolates	O. Funk
	Early transition to oral antibiotics in uncomplicated <i>Enterobacterales</i> bloodstream infections: a retrospective cohort study	A. Mateu Subirà
	Burden and temporal trend of endocarditis in the Greater Antilles from 1990-2019	R. Cortorreal Javier
	<i>Staphylococcus aureus</i> bacteremia: a monocentric, retrospective study comparing geriatric to non-geriatric patients	S. Serraj
	Bloodstream infections in patients with splenectomy	A. Sempere
	Predictors of bacteremia in patients with solid and hematologic neoplasms	J.-A. Hoyos Pulgarin
	Clinical outcomes and bacterial characteristics of hospital-acquired bloodstream infections in Türkiye	A.-T. Aslan
	The impact of rapid microbial identification report on the clinical and health economics of hospitalised patients with bloodstream infection	X. Chu
	Gram-negative bacteremia in different types of immunocompromised patients: single centre observational study	R. Pascale
	Trends in the epidemiology of infective endocarditis in Spain during the XXI century	J. Calderon-Parra
	Comparison of bacteremia incidence in COVID-19 vs. non-COVID-19 wards, before and during the Omicron wave: a single-centre, retrospective, comparative study	A. Gkoufa
	Evaluation of clinical utility of procalcitonin as a diagnostic marker in nonbacterial sepsis	J. Garg
	Outstanding performance of XGBoost in predicting bloodstream infections	Z. Wang
	Bacteriological and immunological characteristics of hospital-associated and community-associated methicillin-resistant <i>Staphylococcus aureus</i>	Y.-G. Cho
	Nosocomial bacteremia in a cohort of 63 French neonatal wards, 2019-2023	N. Van Der Mee-Marquet
	Does infectious disease consultation have any impact on patients with sepsis alert?	A. Álvarez-Uría
	Predictive factors for carbapenemase production and mortality in <i>Enterobacteriaceae</i> bacteremia	M.-G. Castro
	Higher effectiveness of new anti-pseudomonas cephalosporins versus piperacillin/tazobactam or carbapenems for the treatment of <i>Pseudomonas aeruginosa</i> bloodstream infections in intensive care unit: a multicentric retrospective propensity score adjusted study	D.-F. Bavaro
	Rising resistance of invasive infant Group B <i>Streptococcus</i> in Western Australia over 15 years	L. Furfaro
	Patient outcomes of MBL-producing CRE infections: interim results from a retrospective observational study in two centres from the Kingdom of Saudi Arabia	B. Alradadi
	Carbapenem-resistant <i>Klebsiella pneumoniae</i> emerging as the most prevalent MDR organism in bloodstream infections at the ICU: the experience of Saint George Hospital University Medical Center in Lebanon	E. Azar
	Non-faecalis enterococci should also be kept in mind as causative agents of infective endocarditis!	Ö.-K. Azap
	Impact of a multidisciplinary management team on clinical outcome in ICU patients affected by Gram-negative bloodstream infections: a pre-post quasi-experimental study	M. Rinaldi
	Think sepsis? Think diagnostics and source identification	F. Garraghan
	[18F]FDG-PET/CT utility in catheter-related <i>Staphylococcus aureus</i> bacteremia	M.-Á. Verdejo Gómez
	The potential predictive role of the neutrophil-to-lymphocyte ratio in patients with infective endocarditis	L. Bertolino
	Prediction models on early identification of multidrug-resistant and carbapenems-resistant <i>pseudomonas aeruginosa</i> bloodstream infections in hematology patients prior to antimicrobial susceptibility testing: a multicentre cohort study	X. Feng

	Soluble immune receptors as severity markers in a multicentric group A <i>Streptococcus pyogenes</i> invasive disease paediatric cohort in Spain	J. Avendaño-Ortiz
	Bacteremia associated with <i>Staphylococcus haemolyticus</i> in a cohort of 24 French neonatal intensive care units, 2019-2023	N. Van Der Mee-Marquet
	Combination antibiotic therapy in hematological patients with <i>Pseudomonas aeruginosa</i> bloodstream infections: friend or foe?	X. Feng
	Early oral treatment of infective endocarditis in real-world settings: prospectively evaluated data from the German DERIVE network	J. Camp
	Characterisation of hypervirulent <i>Klebsiella pneumoniae</i> strains causing blood stream infections or showing carbapenem resistance in Germany: a multicentre study	J. Held
	The clinical and molecular characteristics of invasive <i>Streptococcus agalactiae</i> diseases in nonpregnant adults in Taiwan	M.-H. Tsai
	Timing of extraction in patients with cardiac implantable electronic device infection: the sooner the better?	R. Gallo
	Outcomes and factors associated with mortality for <i>Enterococcus faecalis</i> and <i>Enterococcus faecium</i> bloodstream infections: a prospective multicentre cohort study from the PROBAC project	F. Scharloo
	Reducing economic cost and carbon footprints through sequential antimicrobial therapy in bacterial infections	A. Martínez-Urrea Fortuño
	Clinical characterisation of <i>Bacteroides</i> bloodstream infection: a 5-year multi-centre analysis	L. Cottom
	Risk factors for mortality among elderly individuals hospitalised in the intensive care unit with hospital-acquired bloodstream infections: a multicenter cohort study	T. Hoffman
	<i>In vivo</i> emergence of cefiderocol and ceftazidime/avibactam cross-resistance in KPC-producing <i>Klebsiella pneumoniae</i> following ceftazidime/avibactam-based therapies	P. Gaibani
	Class 3 immune semaphorins: new biomarkers of sepsis	L. Šamadan Markovic
	Optimising diagnostic stewardship interventions: a 5-year multi-centre analysis of antimicrobial resistance and clinical outcome of <i>Bacteroides</i> blood stream infections	L. Cottom
	<i>Pseudomonas aeruginosa</i> bloodstream infections: is it time for combo-therapy?	N. Geremia
	Risk factors for mortality from neonatal tetanus in Sindh-Pakistan, 2023: a case control study	N. Bai
	Impact of adequate empirical combination therapy on mortality in septic shock due to <i>Pseudomonas aeruginosa</i> bloodstream infections: a multicentre retrospective cohort study	A. Vena
	Bacteremias due to NDM-1 and KPC-producing carbapenem-resistant Enterobacteriaceae in a high-prevalence area hospital: a comparative, single-centre, retrospective study	N. Sipsas
	Patients' experiences during hospitalization for <i>Staphylococcus aureus</i> bacteremia: a qualitative study	M. Hendriks
	Mortality risk factors and antimicrobial resistance in <i>E. coli</i> bacteremia associated with urinary tract infections (UTI)	F. Stevanovski
	Epidemiology, clinical characteristics and outcome of Group B Streptococcal bacteraemia in non-pregnant adults in Denmark from 2007-2016: A population-based study	T. Fabricius
	Clinical characteristics and outcomes of ST72 <i>Staphylococcus aureus</i> : comparison with <i>S. aureus</i> of other sequence types	J. Han
	Adequacy, escalation, and de-escalation of empirical therapy in patients with bacteremia	L. Lukic
	Mortality impacts of inappropriate empirical antibiotic therapy in patients with bloodstream infections in Chile: a retrospective cohort study	K. Allel
	Infective endocarditis: 13 years of experience in epidemiological and microbiological profile in a public cardiovascular tertiary centre, São Paulo, Brazil	C. Abboud
	Focus on streptococcal endocarditis: a snapshot of ten years	Ö.-K. Azap
	Clinical utility of melatonin in the treatment of sepsis: a systematic review and meta-analysis	A.-J. Rodriguez-Morales
	Community and hospital-acquired Gram-negative bloodstream infections in non-ICU patients	M. Kyziroglou
	Culture-free rapid identification of bacterial pathogens in sepsis using RapidID, a novel real time multiplex, ribosomal RNA-based hybridization assay.	J.-M. Blondeau
	Usability of procalcitonin to detect asymptomatic central line associated blood stream infections in children with chronic kidney disease	S. Jayaweera
	Clinical outcomes, epidemiology and risk factors associated with peripherally inserted central venous catheter-associated bloodstream infection: a matched case-control study	F. Romani
	Bloodstream infections in allogeneic hematopoietic cell recipients: trends of incidence, susceptibility and risk factors for multidrug resistance	S. Santos Fernandes
	Spatial distribution of hospitalisations and lethality with sepsis in San Paulo State, Brazil: a ten year-period population-based study	C. Kiffer
	Comparison of trough vs point estimate area-under-curve vancomycin dosing for methicillin-resistant <i>Staphylococcus aureus</i> bacteremia in the midwest United States	C. Arena
	Risk factors and clinical outcomes associated with vancomycin-resistant vs vancomycin-susceptible <i>Enterococcus faecium</i> bloodstream infections: a five-year retrospective matched cohort study	M. Del Monte
	Mortality impact of microbiological factors in <i>Escherichia coli</i> bacteraemia presenting with sepsis/septic shock: a prospective cohort study	N. Maldonado
	Impact of baseline sociodemographic and drug use profile on short- and long-term outcomes in intravenous drug users following infective endocarditis	I. López Montesinos

	Impact of lab automation and reorganisation on bloodstream infections management	M. Paluch
	Clinical and microbiological risk factors for 30-day mortality associated with bloodstream infections caused by OXA-48-producing <i>Klebsiella pneumoniae</i>	J. Fernández
	Microbiological characteristics of infectious endocarditis from heart valves with positive culture during the last ten years	M.-A. Semiglia Chong
	A bedside tool to predict the risk of mortality in internal medicine patients with <i>Pseudomonas aeruginosa</i> bloodstream infection	S. Corcione
	The role of centre and country factors on process and outcome indicators in critically ill patients with hospital-acquired bloodstream infections	N. Buetti
	Ampicillin-susceptible <i>Enterococcus faecium</i> bloodstream infections: a 5-year retrospective cohort study	V. Menozzi
	European antimicrobial resistance surveillance of <i>Bacteroides fragilis</i> from blood cultures 2022 (ReSuBacfrag)	M. Buhl
	Does early appropriate empirical antibiotic therapy reduce 30-day mortality among hospitalised patients with <i>Klebsiella</i> spp. bacteremia? A retrospective study	T. Babich
	Standard deviation of the monocyte distribution width as a prognostic indicator of death in septic patients	D. Theodoridis
	Epidemiology of sepsis in trauma patients in Kharkiv, Ukraine	M. Matvieienko
	Community acquired bacteremia due to multi-drug resistant organisms: risk factors and outcomes. A single centre prospective study	P.-M. Voutsinas
	The skip phenomenon in <i>Staphylococcus lugdunensis</i> infective endocarditis	L. Gasca
	Short-course versus long-course antibiotic treatment in patients with uncomplicated <i>Pseudomonas aeruginosa</i> bacteremia: a systematic review and meta-analysis	J.-P. Garcia Marmolejo
	<i>Hafnia alvei</i> (HA) bacteremia is secondary to biliary infection in most cases	J. Tankovic
	Assessment of klotho as an early but non-invasive biomarker for septic acute kidney injury	X. Wang
	Carbapenem resistant Gram-negative rods bloodstream infections in oncologic patients from Bogotá, Colombia, clinical characteristics and outcomes	M.-J. Lopez
	Spatio-temporal evolution and mechanism of drug resistance and pathogenicity for carbapenem-resistant <i>Klebsiella pneumoniae</i> causing bloodstream infection	P. Shen
	Clinical impact of a rapid diagnostic bundle for the management of patients with suspected sepsis of urinary origin	A. Álvarez-Uría
	Vertebral osteomyelitis in patients with infective endocarditis: incidence, risk factors and mortality	S. Douiyeb
	<i>Staphylococcus aureus</i> bacteraemia in the aged population in Australia: A retrospective cohort study reviewing outcomes and antimicrobial resistance	B. Tan
	Optimising echocardiogram requests: validating the VIRSTA score in a Spanish cohort of <i>Staphylococcus aureus</i> bacteremia	D. Malano Barletta
	The risk of subsequent cardiovascular events among sepsis survivors in Sweden: a population-based matched cohort study	H. Wetterberg
	Impact of the COVID-19 pandemic on healthcare-associated bloodstream infections, between April 2017 to March 2023, in England	S. Wasti
	Characteristics of infective endocarditis due to non-HACEK gram-negative bacilli in adults.	Ö.-K. Azap
	Epidemiology, risk factors and outcomes of bloodstream infections in critically-ill burn patients: an observational study from a burn referral center in Italy	N. Riccardi
	Invasive group A streptococcal infection: incidence, clinical presentation and outcomes, Catalonia 2022-2023	M. Martorell
	Impact of delayed active targeted antibiotic treatment in bloodstream infections: a prospective, multicentre cohort (PROBAC).	S. De La Rosa Riestra
	Prospective evaluation of the SeptiCyt® Rapid assay for the identification of systemic infectious diseases in patients with suspected sepsis	S.-L. Becker
	Fosfomicyn in urinary tract infections caused by multiresistant <i>Escherichia coli</i> bacteraemia: post hoc analysis applying DOOR methodology	S. De La Rosa Riestra
	Next-generation sequencing in comparison to blood culture based diagnostic	M. Hegner
	Evaluation of the Film Array BCID2 system for the detection of pathogenic bacteria in bloodstream infections	K. Kontopoulou
	Clinical experience with ceftaroline fosamil in infective endocarditis due to methicillin-resistant <i>Staphylococcus aureus</i>	K. Caniff
	Impact of anti-enterococcal empirical therapy on survival of patients with enterococcal bloodstream infections: a retrospective multicentre cohort study	L. Bussini
	Demographic data and follow-up of patients with infectious endocarditis (IE) by <i>Enterococcus faecalis</i>	R.-M. Benitez
	Usefulness of the FilmArray blood culture identification two panel for pathogen detection in Limpopo South Africa	I. Rukasha
	Linezolid or daptomycin as alternative to vancomycin for the treatment of vancomycin-susceptible <i>Enterococcus faecium</i> bloodstream infection	A.-S. Brunel
	Clinico-microbiological analysis and molecular typing of <i>Stenotrophomonas maltophilia</i> isolated from bloodstream infections	S. Sarathi
	Increased incidence of methicillin-susceptible <i>Staphylococcus aureus</i> (MSSA) bloodstream infections in England	Z. Amin-Chowdhury

	Klebsiella spp. bacteraemia surveillance-collaborative strategies required to reduce the risk of infection	N. Mughal
	Emergence of multidrug-resistant bloodstream infections in cancer patients: insights from a Bangladesh oncology center	R. Raihan
	Early adequate antimicrobial regimen allows short-course treatment in Pseudomonas aeruginosa bloodstream infections	M. Merli
	Dilution of positive blood culture samples does not impact the microscopic examination	G. Gatti
12:00 - 13:30		Poster Area
2c. Community-acquired respiratory infections (incl epidemiology, clinical features, imaging, treatment & prevention)		
	Epidemiological analysis of Legionella pneumonia in Japan: a national inpatient database study	S. Kutsuna
	Analysis of the effectiveness of combination antimicrobial therapy for Legionella pneumonia: a nationwide inpatient database study	S. Kutsuna
	Nasopharyngeal carriage of Streptococcus pneumoniae serotypes among healthy children and their cohabiting relatives: a cross-sectional study from LMIC	T. Shaw
	Factors associated with antibiotic prescription for lower respiratory tract infections in nursing homes in Switzerland	A. Roux
	Nonalcoholic fatty liver disease increases the risk of lung abscess: insights from a nationwide cohort study	J. Kim
	Quality of life associated with pneumococcal disease: a targeted literature review	M. Huang
	Effects of adjunctive corticosteroid treatment for adults with severe Mycoplasma pneumoniae pneumonia	K. Hagman
	Current epidemiology of invasive bacterial diseases in Japan: investigation from the national surveillance data	H. Hagiya
	Invasive pneumococcal disease in children: a post COVID-19 increase	R. Mchugh
	Contribution of higher valency pneumococcal conjugate vaccines to reduce the burden of community-acquired pneumonia in adults by age group in Spain, 2016-2022: the CAPA study	R. Menendez Villanueva
	Idiopathic pulmonary fibrosis (IPF) exacerbations, microbiology and management	L. Kelly
	Distribution of pneumococcal vaccines serotypes in adults with community-acquired pneumonia and chronic conditions in Spain, 2016-2022: the CAPA study	R. Menendez Villanueva
	Complicated community-acquired pneumonia before and after COVID-19 pandemic: the experience of a paediatric Italian tertiary care hospital	M. De Luca
	Effect of exercise training on physical activity, functional ability, and body composition in community-acquired pneumonia	C. Rysø
	Gram-positive bacteria: the leading cause of pleural infections	K. Ben Dhaou
	Malignant otitis externa: microbiology and implications on antimicrobial treatment	C. Arena
	Optimising ceftolozane/tazobactam therapy for respiratory-related infections caused by multidrug-resistant Gram-negative pathogens: insights from SPECTRA	E. Yucel
	Non-invasive pneumococcal disease in Portugal: serotype distribution and comparison with invasive pneumococcal disease (2019-2022)	C. Silva-Costa
	Dominance of serotypes 3 and 8 in adult invasive pneumococcal disease and the importance of non-PCV13 serotypes in antimicrobial resistance (Portugal 2019-2023)	C. Silva-Costa
	Community acquired pneumococcal pneumonia in adults: diagnostic sensitivity of pneumococcal urinary antigen and serotypes.	P. García-García
	A 15-year review of children with pertussis shows the need for a multidisciplinary strategy to prevent this infection in Slovenia also	A. Gorbunova
	Contact with school-aged children is a major risk factor for pneumococcal colonisation in older adults	A. Wyllie
	Patient discharge pathways for primary hospitalisation and readmission cases due to all-cause community-acquired pneumonia (CAP) in Canada	J. Vojcic
	Video-assisted thoracoscopic surgery (VATS) for pleural empyema: evaluation of bacterial aetiology and prescribing practices at a thoracic surgery tertiary centre, London, UK	A. Carroll
	The decrease in pneumococcal carriage in Belgian children attending daycare centres contrasts to the stable carriage of other pathogens two years after the COVID-19 containment measures	E. Ekinçi
	Phenotypic and genotypic characterisation of Pseudomonas aeruginosa strains coming from non-cystic fibrosis bronchiectasis patients	I. Cadenas Jiménez
	Fixed-dose combination of cephalexin extended release and clavulanate potassium in subset of patients with upper respiratory tract infection: a phase IV study	D. Patil
	Treatment with elexacaftor/tezacaftor/ivacaftor leads to an increase in culture negativity of P. aeruginosa in cystic fibrosis sputum samples	M. Pals Bendixen
	Aetiology of community-acquired pneumonia (CAP): impact of molecular techniques	C. Campillo Martín

Enterobactin siderophore from <i>Klebsiella pneumoniae</i> manipulates inflammatory response during lung infection	J. Verlaquet
Differential diagnoses of community-acquired pneumonia in the emergency department	S. Simon
Sequencing-based surveillance of circulating <i>Bordetella pertussis</i> strains in the Netherlands from 2015-2023	R. Mariman
Ceftobiprole treatment for pneumonia in internal medicine wards: a real-world single-centre study	S. Corcione
Estimating the health and economic burden of pneumococcal diseases attributable to V116 vs PCV20 serotypes among adults in France	P. Mueller
Molecular characterisation of non-invasive <i>Haemophilus influenzae</i> disease in Portugal: 2015-2022	M.-P. Bajanca-Lavado
Population structure, dynamics and spatial-temporal evolution of <i>Bordetella pertussis</i> producing pertussis in Spain, 1986-2020	A. Mir
Assessing the impact of COVID-19 pandemic on invasive pneumococcal disease in Catalonia (2017-2022)	S. Broner
Genomic characterisation and vaccine reactivity prediction to 4CMenB of <i>Neisseria meningitidis</i> collected from respiratory samples in Spain	J. Roca-Grande
Adherence to antimicrobial guidelines for the treatment of Legionnaires' disease in Switzerland: data from the SwissLEGIO multicentre study	W.-C. Albrich
Discerning regional <i>Legionella</i> test positivity rates: a study of increasing Legionnaires' disease trends in Denmark, 2014 – 2021	K. Cassell
Persistent colonisation of <i>Haemophilus influenzae</i> in patients with non-cystic fibrosis bronchiectasis	P. Camps-Massa
Peak incidence of atypical pneumonia in the paediatric population caused by <i>Mycoplasma pneumoniae</i> at Consorci Sanitari de Terrassa: accumulation of cases in November 2023	L. Brusca
Retrospective analysis of hospitalised pneumonia cases in Sicily from 2009 to 2021	D. Marrali
<i>Pseudomonas aeruginosa</i> and <i>Aspergillus fumigatus</i> infections in COPD patients at Bordeaux teaching Hospital	S. Imbert

12:00 - 13:30 Poster Area

2d. Community-acquired abdominal/gastrointestinal, urinary tract & genital infections (incl epidemiology, clinical, imaging, treatment & prevention)

Whole genome sequencing of phenotypically detected quinolone and tetracycline co-resistant <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> and emergence of multidrug-resistant <i>C. coli</i> in the University Hospital of Split, Croatia	A. Novak
Monitoring intestinal carriage in preterm newborns reveals intense acquisition of carbapenemase-producing <i>Klebsiella pneumoniae</i> co-harboring OXA-48, VIM, KPC, and NDM in a Moroccan neonatal intensive care unit	M. Benboubker
Enteraggregative <i>Escherichia coli</i> (EAEC) isolated from under-five children with diarrhoea in Ethiopia: genomic and phylogenetic analysis	T. Zelelie
Prevalence and characterisation of ESBL-producing <i>Escherichia coli</i> in healthy pregnant women and hospital environments in Benin: an approach based on Tricycle	K.-M.-P.-Z. Sintondji
Evidence gaps in the burden of complicated urinary tract infection (cUTI)	K. Kuper
Increase in the incidence of <i>Campylobacter</i> spp. isolates in stool cultures at a tertiary hospital	V. Castaño
Temporal evolution of isolates and antibiotic susceptibility patterns in pediatric urine cultures from a university hospital over 13 years	F. Pérez-García
Estrogen alters the virulence of uropathogenic <i>E. coli</i>	C. Pettersson
A novel functional food protein alleviates diarrheal symptoms in experimental cholera infection	M. Petersson
Unraveling the tapestry: tracking sexually transmitted infections (STIs) in HIV pre-exposure prophylaxis (HIV PrEP) users, a journey from 2019 to 2023	J.-I. Mateo Gonzalez
Clinical characteristics and antimicrobial resistance of uncomplicated acute pyelonephritis caused by <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i>	K.-Y. Lee
What is chronic urinary tract infection: a systematic review	J. Hjelmager
Risk factors of infection cause by multidrug-resistant pathogens in kidney transplant pyelonephritis patients	S. Andreev
<i>Streptococcus agalactiae</i> in pregnant women: prevalence, serotypes and <i>in vitro</i> antimicrobial resistance	S. Baka
The relationship between antimicrobial consumption and resistance may be saturated in high antimicrobial consumption populations: implications for Doxy PEP studies	S. Manoharan-Basil
Antimicrobial use and prescription for urinary tract infections by care physicians in Japanese general nursing homes	K. Suzuki
Surveillance of typhoid fever following a typhoid conjugate vaccine trial in Nepal	S. Shrestha

	Increase in group A <i>Streptococcus</i> associated with vulvovaginitis in Spain (2011-2023)	E. Sánchez Bäscones
	Patient characteristics associated with fluoroquinolone-resistant uropathogens: pooled results from two clinical trials of gepotidacin for the treatment of uncomplicated urinary tract infection	A. Sheets
	Antibiotic treatment patterns in patients with evidence of oral antibiotic treatment failure (TF) for uncomplicated urinary tract infection (uUTI) in the United States	M. Preib
	<i>Neisseria meningitidis</i> prevalence in male urine by nucleic acid amplification testing in Northeast Ohio	H. Wang
	Clinical characteristics and risk factors for pyogenic liver abscess caused by multidrug-resistant organisms: a ten-year retrospective study	M. Hao
	Treatment of urinary tract infections in general practice and risk of recurrent urinary tract infection	K.-H. Hansen
	Asymptomatic bacteriuria and urological surgery: risk factor or not? Results from the national and multicentre TOCUS database	M. Vallée
	Risk factors and molecular epidemiology of intestinal colonisation by carbapenem-resistant Gram-negative bacteria in patients with haematological diseases: a multicentre case-controlled study	H. Hu
	Does the duration of antibiotic treatment of preoperative asymptomatic bacteriuria in urological surgery influence the occurrence of postoperative infectious complications? Results from the retrospective and multicentre TOCUS cohort	M. Vallée
	<i>Mycoplasma genitalium</i> : one year experience on macrolide and fluoroquinolone resistance	E. Nicolini
	High burden of syphilis and other sexually transmitted infections among international visitors practicing chemsex tested at Checkpoint BLN, Germany	L. Rabbi
	A tree-year surveillance study in Split-Dalmatia County, Croatia: a new pattern in <i>Salmonella</i> species infections	M. Carev
	Syphilis patients undergoing HIV pre-exposure prophylaxis (PrEP) display a proportion of serofast comparable to that of HIV patients	M. Campos-Ruiz
	The role of <i>Mycoplasma genitalium</i> infection in women diagnosed with pelvic inflammatory disease and/or tubo ovarian abscess	N. Adriaens
	Performance evaluation of an expanded PCR panel for uropathogen identification in urinary tract infections compared to standard urine culture	L. Leech
	Prognostic model for mortality assessment in patients with cirrhotic liver and infected ascites	S. Würstle
	Genetic relationship and mechanisms contributing to reduced gepotidacin susceptibility in isolates from EAGLE-2/EAGLE-3 clinical trials for uncomplicated urinary tract infections	R.-E. Mendes
	Epidemiology of self-presenting users to a sexually transmitted infections clinic in Milan, Italy	L. Biasioli
	Molecular characterisation of fosfomycin-resistant uropathogens isolated from patients attended at 34 primary care units (PCUs)	I.-M. Van Der Heijden
	<i>Mycoplasma genitalium</i> : from neglected STI to worrying STD	M. Urrutikoetxea-Gutiérrez
	Prevalence of antimicrobial-resistant <i>Mycoplasma genitalium</i> among men who have sex with men: a systematic review and meta-analysis	M. Sciaudone
	Changing trends of microbiological characteristics and antimicrobial susceptibility of <i>Klebsiella pneumoniae</i> in community-acquired liver abscess of 2014-2015 and 2020-2021 in South Korea	K.-Y. Lee
	Infectious causes of stillbirths: a descriptive aetiological study of 581 Ugandan women	L. Hookham
	Prevalence, antibiotic resistance, virulence potential, and Enterobacterial repetitive intergenic consensus (ERIC)-PCR profiling of clinical and environmental <i>Vibrio cholerae</i> strains isolated in Qom, Iran	S. Shams
	No sustained decrease in chlamydia and gonorrhoea testing and notification trends during the COVID-19 pandemic, Finland, 2015-2022	W. Kitowska
	<i>Aeromonas</i> -associated gastroenteritis in northern Israel: incidence and clinical-epidemiological characteristics	D. Sagas
	Comparison of serologic responses of early syphilis to treatment with single-dose ceftriaxone plus doxycycline versus single-dose benzathine penicillin G plus doxycycline among people with HIV: interim analysis	T.-Y. Wu
	Challenges in predicting ESBL intrabdominal infection in critically ill patients in Europe: a post-hoc analysis of the AbSeS cohort study	N. Buetti
	Efficacy of linezolid in enterococcal urinary tract infection: a multicentre study	K. Bouiller
	<i>Chlamydia trachomatis</i> and lymphogranuloma venereum in HIV pre-exposure prophylaxis era: an inquiry into potential alterations	J. Ciscar-Soriano
	Genital mycoplasma detection among pregnant women admitted to a university hospital with adverse pregnancy outcomes	C. Veintimilla
	Clinical impact of antibiotic treatment of patients with acute pyelonephritis	J. Roig-Sanchis
	Impact of 2020 EUCAST criteria on antibiotic prescription for urinary tract infections due to <i>Pseudomonas aeruginosa</i> : a retrospective observational study	P. Milani
	Unmasking colistin therapy for urinary tract infections due to multidrug-resistant bacteria: experience at a tertiary academic medical centre	A. Aldairem
	Factors associated with a severe form of acute obstructive pyelonephritis: preliminary results from the RAMP multicentre cohort	C. Ricolleau
	Assessing the within-patient and within-household diversity of <i>V. cholerae</i> in a cholera endemic area	A. Cuénod

	Pyogenic liver abscess in elderly patients: predictive factors of unfavorable outcome	I. Bourdalis
	Evolution of antimicrobial resistance in urinary tract infections, a nine-year analysis of a Mexican referral centre	A. Molina-Jaimes
	Probiotic-based decolonisation of multidrug-resistant <i>Klebsiella pneumoniae</i> from the gut of diabetic mice	M.-N. Rahman
	Prevalence estimation of <i>Tropheryma whipplei</i> in diarrheal stools and duodenal biopsy tissues of Koreans	M.-K. Lee
	Epidemiology, antimicrobial resistance and outcomes of intra-abdominal infections in China (PRIME): protocol of a prospective observational study	S. Tian
	Impact of border closures on the molecular epidemiology of <i>Neisseria gonorrhoeae</i> during the COVID-19 pandemic in Western Australia	C. Mullally
	Efficacy and safety of antibiotics on asymptomatic bacteriuria in kidney transplant recipients: a systematic review and meta-analysis of randomised controlled trials	L.-H. Tanriverdi
	Epidemiology, characteristics and clinical predictors of <i>Chlamydia trachomatis</i> LGV and non-LGV serovars among men who have sex with men	A. Siribelli
	Efficacy and safety of cefepime/enmetazobactam compared to novel antibiotics in patients with cUTI/AP: a Bayesian network meta analysis	V. Rico Caballero
	A Bayesian Network Meta Analysis of the efficacy for cefepime/enmetazobactam compared to established antibiotics in patients with complicated urinary tract infections including acute pyelonephritis	F. Wagenlehner
	Urine sampling rates of general practice patients in England, 2015-2022	L. Ciaccio
	Evaluation of the vivalytic one analyser for detecting uropathogenic bacteria and antimicrobial resistances in urines samples of urological patients	J. Hartmann
	Gonorrhea on the rise in Denmark: distinct clones are driving the dramatic increase in heterosexual communities	T. Roland Pedersen
	STIs in a Portuguese university population: why testing is crucial	J. Oliveira
	<i>Arcobacter</i> spp: an emerging enteropathogen; clinical profile of patients, antibiotic susceptibility and genotypic characterisation in a referral microbiology laboratory in Spain	L. Goterris Bonet
	Investigating transmission patterns during an outbreak of necrotizing enterocolitis related to <i>Clostridium butyricum</i> using whole genome sequencing	Y. Mikrat
	<i>Thomasclavelia ramosa</i> is a specific signature of hepatocellular carcinoma among patients with alcohol-related liver disease: a culturomics and metagenomics case-control study	R. Magdy Wasfy
	Revolutionising UTI diagnosis: lateral flow test demonstrates impressive performance across diverse patient profiles	E. Adams
	Three-arm comparison of fidaxomicin monotherapy, fidaxomicin plus bezlotoxumab, and vancomycin plus bezlotoxumab on 90-day <i>C. difficile</i> clinical success	M. Salam
	Co-infection rate of sexually transmitted infections from a United States cohort	B. Van Der Pol
	Five years of spontaneous intra-abdominal infections: what are you doing here, <i>Pseudomonas</i> ?	M. Amoroto-Bengoetxea
	Vonoprazan-amoxicillin dual therapy vs bismuth-containing quadrable therapy for <i>Helicobacter pylori</i> eradication: a systematic review and meta-analysis of randomised controlled trials	O. Elkoumi
	Central and eastern Europe needs more attention and support for better management of sexually transmitted infections	M. Mert Vahabi
	ChiA: a major player in the virulence of Crohn's disease-associated adherent and invasive <i>Escherichia coli</i> (AIEC)	M. Fargeas
	The 30-day in-hospital outcomes of patients with liver cirrhosis admitted with spontaneous bacterial peritonitis: a retrospective cohort study in a tertiary government hospital in the Philippines	J.-O. Nicolas
	Evaluation of <i>Ureaplasma</i> spp. resistance status at a single-centre: are minocycline, josamycin and pristinamycin the new "sexys"?	A.-G. Akçay
	Genomic insights into <i>Klebsiella pneumoniae</i> strains responsible for urinary tract infections in Indian isolates	A. Hegde
	<i>Chlamydia trachomatis</i> coinfection with multiple pathogens causing sexually transmitted infections: time course and epidemiological features	E. Gonzalez De Herrero Martínez
	The identification of inappropriate empiric antimicrobial therapy for urinary tract infection following an emergency department discharge: a computerised approach	G. Van De Sijpe
	Lymphogranuloma venereum: an increasingly common anorectal infection among men who have sex, clinical and epidemiological characteristics	Y. García Collado
	Non-typhi <i>Salmonella</i> urinary tract infection: review in a tertiary hospital	I.-S. Pérez Ramos
	Revolutionising UTI treatment: machine learning models for predicting empirical antibiotic treatment failure and enhancing patient outcomes in the era of antimicrobial resistance	B. Sharma
	Evaluation of new and old drugs for the management of complicated urinary tract infection	N. Al Shizawi
	Isolation of <i>Haemophilus parainfluenzae</i> in urethral exudates from men with acute urethritis	K. Kontopoulou
	Cost and burden of recurrent urinary tract infection in patients with antibiotic treatment failure	M. Preib

2e. Community acquired skin, soft tissue, bone & joint infections ((incl epidemiology, clinical, imaging, treatment & prevention, excl prostheses))

Assessing the role of healthcare-seeking behaviours in the development of small-area health inequalities in EHR data using complex systems science methods	B.-L. Morgan Bustamante
Multicentre evaluation of clinical outcomes in patients with obesity using different ceftriaxone dosing strategies for serious infections	J. Mchugh
High risk of treatment failure in patients with vertebral osteomyelitis and an underlying malignancy	D. Jochimsen
Clinical and microbiological characteristics of purulent bacterial pericarditis in adults: experience in a tertiary care hospital in Thailand	R. Sirijatuphat
Psychiatric aspect of diabetic foot ulcers	O. Acet
Infectious complications of the orthopedic injuries in earthquake survivors	I. Hasanoglu
Correlation of pathology, microbiology and virology of non-neoplastic vitrectomy specimens: a single-centre retrospective study	K. Schmauder
Virulence factors and genetic variability in <i>Staphylococcus aureus</i> colonising the skin microbiota of adult patients with severe atopic dermatitis	F. Sivori
Epidemiology and outcome trends for adult native joint septic arthritis in South Auckland, New Zealand	S. McBride
Clinical characteristics and factors associated with treatment failure in non-Mycobacterial pyogenic vertebral osteomyelitis	R.-B. Paula
Regional assessment of paediatric bone and joint infection management in tertiary centres in North-West London, UK	R. Faber
Pediatric osteomyelitis: what are the predictors of sequelae?	F. Pignatelli
Molecular epidemiology, antibiotic susceptibility and pathogenicity of <i>Staphylococcus aureus</i> from wound and soft tissue infection	H. Hsin-Ni
Safety and efficacy of tedizolid phosphate versus comparators in patients <12 years of age with acute bacterial skin and skin structure infections (ABSSSI)	P. Sears
Assessment of outcomes and risk factors for <i>Pseudomonas aeruginosa</i> necrotizing soft tissue infections	A. Gerlach
Changes in the bacterial epidemiology of paediatric mastoiditis over 10 years	V. Ok
Cohort cutaneous diphtheriae in France	H. Mascitti
The Atlantic route, an investigation of infections by <i>Shewanella</i> spp. in individuals who arrive irregularly by sea to the Canary Islands	L. Rivero Rodríguez
Is there an increasing number of infections by <i>Group-A-Streptococcus</i> in Tenerife, Spain?	B. Pino Calm
Thrice-weekly teicoplanin as outpatient parenteral antibiotic therapy (OPAT): experience at Infectious Disease Unit of Lecco Hospital (Italy)	V. Morena
Characteristics of resurgent invasive group A streptococcal infection post-pandemic in Toronto, Canada	H. Dabaja Younis
Associations between types of skin and soft tissue infections and genotypes of MRSA isolated from these infections	H. Kaneko
Clinical characteristics and management of vertebral osteomyelitis with known versus unknown aetiology: a single-centre retrospective study between 2017-2023	C. Maci
<i>Staphylococcus aureus</i> the predominant pathogen in diabetes-related foot infections: a subtropical perspective	K. Morton
<i>In vitro</i> evaluation of delafloxacin against <i>Staphylococcus aureus</i> in bone and joint infections	C. Dupieux-Chabert
The changing face of septic bursitis	M. Dekel
Demographic characteristics, clinical presentation and outcome of Gram-negative pyogenic vertebral osteomyelitis	S. Olaf Lindvig
A year observation of hospital management of Native Vertebral Osteomyelitis/Discitis in Northumbria, United Kingdom	M. Calderon Cahua
Microbial analysis and fungi–bacteria correlation in chronic infectious wound	Q. Wang
Fixed-dose combination of cephalexin extended release and clavulanate potassium in subset of patients with uncomplicated skin and soft tissue infection: a Phase 4 study	D. Patil
Epidemiological and radiological characteristics of pyogenic psoas abscess and treatment outcomes	B. Kayaaslan
Burden and temporal trend of cellulitis in the United Kingdom from 1990-2019	M. Luis Sierra
Vertebral osteomyelitis in adults: clinical, microbiology and outcome in 117 patients hospitalised in the province of Modena, Italy (2017-2022)	M. Pellegrino

12:00 - 13:30

Poster Area

2f. Community acquired nervous system and other multi-

system bacterial infections (incl epidemiology, clinical, imaging, treatment & prevention)		
Fluoroquinolone treatment failure higher in patients with BMI ≥ 30		B. Hawkins
Brain abscess complicating bacterial meningitis: a prospective cohort study from the Netherlands		F.-D. Liechti
Functional prognosis of older adults with tetanus: a single-centre retrospective study		T. Yamamoto
Impact of SARS-CoV-2 pandemic on invasive pneumococcal disease in Navarra, Spain		I. Arregui Garcia
Neurofilament light chain levels as a diagnostic marker in European lyme neuroborreliosis		C. Hirzel
Is additional treatment needed after completion of treatment for neurosyphilis? A retrospective bayesian analysis		S. Ikegaki
Streptococcus intermedius: a pathogen of increasing significance?		E. Gil
Characteristics and prognostic factors of bacterial meningitis in the intensive care unit: a prospective nationwide cohort study		N. Chekrouni
Mind the switch: the use of oral antibiotics in deep-seated central nervous system (CNS) infections		A. Richards
Conservative vs neurosurgical treatment of brain abscess		E. Eriksen
Clinical microbiology and management of brain abscess: a five-year retrospective study		S. Piseth
The trend of childhood bacterial meningitis in Vietnam		N. Xuan Ha
Infective ring-enhancing brain lesions in a tertiary hospital in Singapore: a comparison of the clinical and radiological features between pyogenic and tuberculous brain abscesses		E. Sng
Review of recurrent pneumococcal meningitis diagnosed in Gipuzkoa, Northern Spain		A. Manzanal Perez
Rising incidence of community-onset paediatric brain abscess and empyema post COVID-19 pandemic: a nine-year retrospective cohort study at a tertiary neurosurgical centre in Nottingham, UK		F. Heard
Nationwide population-based epidemiological study for maternal and neonatal risk factors of meningitis in infants in Taiwan		Y.-L. Hsu
Efficacy and safety of intrathecal immunoglobulin administration in adult patients with tetanus – a systematic review		J.-J. Garcia
Non-compressive myelopathy complicating acute bacterial meningitis		E.-H.-G.-M. Drost
Clinical and molecular characteristics of bacterial meningitis in children aged one to 59 months in Southern Vietnam (2012-2021): insights from hospital-based sentinel surveillance		H.-C. Truong
Phylogenetic characterisation and analysis of virulence genes in invasive Listeria monocytogenes isolates		P. Kmetc
12:00 - 13:30		Poster Area
2g. Zoonotic bacterial infections (incl foodborne, waterborne and vector-borne pathogens, veterinary microbiology and One Health aspects, excl AMR)		
Listeria monocytogenes adenylosuccinate synthetase PurA is required for entry into eukaryotic cells		Â. Alves
Carbapenem-resistant Pseudomonas aeruginosa from patients, hospital environment, and water in Jakarta, Indonesia: distribution of antimicrobial resistance genes across domains		S.-N. Shahab
Potential pathogenicity of Enterococcus collected from surfaces of a veterinary biological isolation and containment unit		C. Geraledes
Comprehensive meta-analysis of the global epidemiology of critically resistant Pseudomonas aeruginosa in livestock, wild and domestic animals		S. Mejri
Unravelling signals underlying Listeria monocytogenes cadC regulation		D. Meireles
Assessing the impact of erythromycin residues in food on the development of Streptococcus pneumoniae resistance: an in vivo investigation using wax moth larvae		S. Manoharan-Basil
Burden of Lyme disease (BOLD) study: manifestations of clinically diagnosed Lyme borreliosis in six European countries		K. Halsby
Frequency of occurrence of zoonotic tick-borne pathogens in ticks: Latvian 2023 year experience		B. Orlova
A One Health approach to the ocular surface microbiome of dogs and their owners		S.-B. Clougher
Epidemiology, management, and outcomes of Listeria monocytogenes infection: a tertiary centre experience in the Unites States		A. Samreen
Clinical and radiographic symptoms associated with spinal brucellosis		V. Asoyan
Diagnosis of scrub typhus by multiplex real-time PCR targeting groEL and 47kDa genes of Orientia tsutsugamushi and comparison with indirect immunofluorescence assay		M. Bae

	Leptospirosis and tularemia in a rural mountain valley in Switzerland and Italy: an underestimated burden?	F. Bruni
	Streptococcus agalactiae ST283 bacteraemia dropped to zero in 2021, despite ongoing isolation from seafood samples	T. Barkham
	Refining the extraintestinal Escherichia coli foodborne zoonotic hypothesis: the ST117 lineage	A. Becker Saidenberg
	Prevalence of tick-borne pathogens in ticks collected from humans in the province of Verona during 2018-2022	L. Moro
	Molecular characterisation of extended-spectrum beta-lactamase-producing Klebsiella pneumoniae among children and chicken in rural Korogwe, Tanzania	M.-N.-A. Khan
	Unmasking the deadliest bite: exploring the upsurge disparity of female mortality in dengue virus in Bangladesh in 2023	S. Sarker
	Extended-spectrum beta-lactamase-producing Escherichia coli and Klebsiella pneumoniae among diarrhoea and non-diarrhoea children and farm animals in peri-rural Ghana	C.-W. Akenten
	The microbiome and resistome of golden jackals in Israel	K. Winner
	Leptospirosis at the modern stage in Georgia	T. Megrelishvili
	One Health antimicrobial resistance surveillance system in an urban-rural complex integrating human, animal, environment and food sectors for comprehensive analysis	D. Kim
	Usefulness of serology for the diagnosis of lyme borreliosis in an endemic area	Z. Moure
	Ruminants as potential reservoir for the emerging Shiga toxin-producing Escherichia coli O113:H4?	D. Pierard
	Predominance of the previously uncommon Clostridioides difficile PCR ribotype 695 (ST 11) in calves and cattle from Dutch dairy farms.	T. Cuperus
	Emergence of non-O1, non-O139 Vibrio cholerae infections in Hungary	J. Henczkó
	β-lactam, carbapenem, and colistin-resistant Klebsiella in healthy and diseased companion animals in northern Italy	A. Grassi
	Salmonella Paratyphi B: Update on the two-faced Salmonella serovar from non-human sample surveillance in Germany	M. Borowiak
	Comparison of prevalence and antimicrobial resistance of Salmonella isolated from raw chicken and duck meat in Korea	Y. Kim
	From pig to human: clinical description and genomic characterisation of CC398 MRSA causing human infections in France	C. Dupin
	Emergence of carbapenem-resistant Klebsiella pneumoniae in companion animals: unveiling a growing public health concern and the need for surveillance in veterinary medicine	L. Fernandes
	Clinical course and outcomes of severe leptospirosis treated in the intensive care unit: a retrospective cohort study	B. Gjurašin
	Human infections by Bordetella bronchiseptica in a university hospital in northern Spain	D. Fernández Vecilla
	Incidence of lyme carditis and lyme carditis as a cause of permanent pacemaker implantation: a registry-based study	S. Avellan
	Occurrence and characterization of Klebsiella aerogenes, Serratia marcescens, Enterobacter spp. and highly-susceptible Pseudomonas aeruginosa and Acinetobacter baumannii from white storks foraged at two landfills in Spain	S.-A. Martínez Álvarez
	Most patients referred to a british infectious disease clinic with possible Lyme disease have a different final diagnosis: no change in the last decade	F. Suliman
	Mediterranean spotted fever: current status	N. Mouffok
	11-year surveillance of clinical Listeria monocytogenes samples in Slovenia	T. Koritnik
	Whole genome sequencing reveals antibiotic resistance and genetic diversity of Listeria monocytogenes in food and related environments: implications for public health and food safety	A. Silva
	Detection of IgM antibodies against Orientia tsutsugamushi for diagnosis of scrub typhus meningoencephalitis	B. Gupta
	Surveillance of bovine tuberculosis in Taiwan, 2008-2023	H.-Y. Liu
	The role of One Health in understanding the transmission of Clostridioides difficile	S.-C. Lim
	Carbapenem-Resistant Aeromonas hydrophila harboring blaCphA7 and ESBL-Producing E. coli isolated from seagulls in Nova Scotia, Canada	R. Ben Sallem
	Evaluation on acute, chronic and latent brucellosis based on brucellosis-specific ELISPOT assay through a large-scale epidemiological survey in northern China	H. Wang
	Identifying key genes and pathways associated with acute brucellosis based on bioinformatics analysis of RNA-sequencing data	Y. Guanmin
	Clinical comparison between human granulocytic anaplasmosis and scrub typhus in Korea	D.-Y. Kim
	Tick-borne disease surveillance in Veneto, Italy: insights from a 2023 outbreak with enhanced monitoring after tick bite exposure	G. Stroffolini
	First report on pet food contamination by MR-CoNS presenting the MLS-B phenotype in South America	I.-B. Moses
	High-risk strains of CTX-M extended-spectrum β-lactamase-producing Escherichia coli: antibiotic resistance in rabbit farming	A. Silva

Prevalence and epidemiology of <i>Rickettsia</i> species in ticks of patients with tick bites in a tertiary-care hospital from Madrid, Spain	A. Maldonado Barrueco
Gut microbiome and resistome characterisation of pigs treated with commonly used post-weaning diarrhea treatments	J. Guitart-Matas
In-depth characterisation and cluster analysis of <i>Salmonella</i> Muenchen isolates from non-human sources in Germany	J. Fischer
Whole genome sequencing-based microbiological investigation of a nationwide outbreak of <i>Salmonella</i> enteritidis linked to steak tartare	M. Trkov
Pathogenic leptospira in rats from Barcelona, Spain	A. Peiro-Mestres
Occurrence and characterisation of extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> ST69 from free-living Dalmatian pelicans (<i>Pelecanus crispus</i>)	T. Cardona-Cabrera
Persistence of cefotaxime resistant <i>Escherichia coli</i> in semi-intensive broiler farms in Uganda during two consecutive production cycles	D. Ndoboli
The impact of misdiagnosis and inappropriate antimicrobial administration by healthcare providers on the prognosis of Japanese spotted fever	R. Koike
High-priority resistant <i>Klebsiella pneumoniae</i> in pets poses public health concerns: a systematic review and meta-analysis	G. Ochi
Impact of <i>Borrelia</i> spirochetes on macrophages: unveiling gene expression amid oxidative stress in Lyme disease	A. Armada
A One Health approach to monitoring antimicrobial consumption in Belgium 2012-2021	L. Catteau
Safety of traditional foods & detection and characterization of <i>E. coli</i> from Montenegrin artisanal salami and cheese	B. Daza
Zoonotic <i>Escherichia coli</i> strains derived from food animals are linked to substantial <i>E. coli</i> bloodstream infections worldwide	L. Price
Looking systematically for <i>Chlamydia psittaci</i> : kill four birds with one stone?	E. Vanlaere
Characterization of virulence determinants of pathogenic <i>Vibrio</i> isolated from clinical samples in a hotspot in the South of Spain	S. Tapia-Poza
Revolutionising microbial monitoring: assessing the efficacy of an environmental kit in preserving and neutralising across diverse industrial settings	S. Paghera
Occurrence of the emerging pathogen <i>Escherichia albertii</i> in human clinical stools in Ghent, Belgium	K. De Rauw
<i>Streptococcus halichoeri</i> : animal isolates of an emerging zoonosis	G. Foster
Estimating the incidence of medically-attended Lyme borreliosis and its disseminated manifestations in Norway from 2015-2022	G. Brestrich
Melioidosis in eastern Thailand: unraveling patient profiles, outcomes, and predictors of ICU admission	N. Chaichanasak
Using genotyping to investigate transmission of <i>Chlamydia psittaci</i> between birds and humans	Ø. Angen
<i>Coxiella burnetii</i> in ruminants from a Caribbean area, Colombia: a potential risk for public health	V. Contreras
Machine learning for forecasting daily <i>Vibrio vulnificus</i> cases in the US coasts	J.-M. Cabrera Gumbau
Occurrence of <i>Salmonella enterica</i> in sewage from public toilets in Nigeria, and antimicrobial resistance and genetic relatedness of sewage isolates with strains associated with human infections in Africa	A.-H. Jibril
Characteristics of 104 patients with confirmed human granulocytic anaplasmosis	T. Rojko
Genetic diversity of <i>Bartonella</i> rpoB haplotypes in domestic cats from Chile	B. Patrick
First report of OXA-48 and OXA-244-producing <i>Enterobacterales</i> in captive wildlife and in sedentary/migrants Birds (<i>Cinclus cinclus</i>) and White Wagtail (<i>Motacilla cinerea</i>) in Algeria	I. Mehidi
Genomic context of piperacillin-tazobactam resistance in clinical isolates from companion animals in an Italian University Veterinary Hospital	M. Pulido-Vadillo
Revolutionising brucellosis defense: a combined recombinant subunit vaccine (CRSV) for enhanced safety and immunogenicity in pursuit of One Health excellence	Q. Akram
Comparative analysis of single gene PCRs Vs STIC in scrub typhus diagnostics	K. Bisht
Typing of clinical and environmental <i>Legionella</i> strains by Fourier transform infrared spectroscopy (FT-IR)	S. Zimmermann

12:00 - 13:30

Poster Area

2h. Other intracellular or rare bacteria

Genomic insights into local scale evolution of ocular *Chlamydia trachomatis* strains within and between individuals in Gambian trachoma-endemic villages

E. Ghasemian

126 *Lactobacillus delbrueckii* strains identified as agents in urinary tract infections, and others 2,221 *Lactobacillus* isolates in Occitania (France) during 2021

M. Bernier

Epidemiology, clinical manifestations, and outcomes of patients with <i>Burkholderia pseudomallei</i> bacteremia in eastern Thailand: a five-year single-centre retrospective cohort study	P. Mingchay
Nocardiosis and poor prognostic factors: retrospective observational study	C. Monteiro
Origins of <i>Bacillus subtilis</i> strains isolated from blood cultures: insights from a single-centre retrospective study on traditional Japanese fermented soybeans Natto	S. Ryuichi Minoda
Epidemiology and antimicrobial resistance profiles of <i>Nocardia</i> species in South Africa, 2019-2022	T.-S.-M. Thomas
Description of four novel <i>Anaerococcus</i> spp., isolated from clinical human samples	K. Boiten
Geospatial and genomic epidemiology of clinical <i>Burkholderia pseudomallei</i> isolates in Cambodia	Y. Christina

12:00 - 13:30

Poster Area

5a. Mechanisms of action & spectrum, new compounds, preclinical data & basic pharmacology (incl drug design, investigational and non-traditional therapeutics)

Enhancing NAM delivery with dendritic lipids	M. Gomes
Establishment of epidemiological cut-off values for etimicin sulfate, a new fourth-generation aminoglycoside, against <i>Escherichia coli</i> , <i>Klebsiella pneumoniae</i> , <i>Proteus mirabilis</i> , <i>Pseudomonas aeruginosa</i> , <i>Acinetobacter baumannii</i> and <i>Staphylococcus aureus</i>	Z. Luo
Potential susceptibility of OXA-48-producing Enterobacterales to flomoxef	V.-K. Owen
Internalisation of ethanol in porous silica nanoparticles as an aim to improve catheter lock therapy	M. Díaz-Navarro
Bridge nucleic acid gapmers: changing the EGS technology paradigm	A. Magana
A novel diarylquinoline, TBAJ-587, is active against <i>Mycobacterium abscessus</i> in vitro	J. Fan
High level of performance of two anti- <i>Staphylococcus aureus</i> phages on clinical strains (PST CE-IVD)	R. Gomes Von Borowski
A novel β -lactamase inhibitor, FL058, improves the in vitro efficacy of imipenem against <i>Mycobacterium abscessus</i>	Z. Tan
Determination of the PK/PD driver for the LepB inhibitor, GDC-5780, a novel gram-negative antibiotic against Enterobacteriaceae infections	M. Xu
Hospital multiresistant strains of <i>Pseudomonas aeruginosa</i> sensitivity to newly synthesised compounds based on diindolylmethane	S. Malanchuk
Synergistic effects of phage-antibiotic combinations against <i>Enterococcus faecalis</i>	M. Sahu
Preclinical screening using zebrafish (<i>Danio rerio</i>) reveals the safety of microbisporicin (NAI-107) lantibiotic	S. Manoharan-Basil
Cefoxitin as definitive treatment for extended-spectrum β -lactamase-producing <i>Klebsiella pneumoniae</i> bacteraemia	T. Dequidt
Identification of candidate in vitro susceptibility test interpretive criteria (STIC) for oral cephalosporin antimicrobial agents against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i>	S. Bhavnani
Enhancing phage delivery: exploring three-fluid nozzle spray-drying of PLGA microparticles for sustained release	C. Liu
Combining phages with antibiotics lowers minimal inhibitory concentrations for <i>Klebsiella oxytoca</i>	E. Zaldastanishvili
Discovery of new antimicrobial thiophene derivatives with activity against colistin-resistant Gram-negative bacilli	I. Molina Panadero
Use of tamoxifen derivatives in combination with colistin against colistin-resistant <i>Acinetobacter baumannii</i>	I. Molina Panadero
Lysin exebacase demonstrates potent bactericidal activity against intraosteoblastic <i>Staphylococcus aureus</i>	F. Laurent
Comparing assays for clinical phage microbiology in <i>Pseudomonas aeruginosa</i> biofilm	R. Braunstein
Evaluation of toxicity and efflux inhibitory activity of candidate drugs for repurposing against <i>Neisseria gonorrhoeae</i>	L. Rodrigues
Bacteriocins as a potential alternative to eradicate untreatable intracellular <i>S. aureus</i>	F. Goormaghtigh
New antibacterial agent against nosocomial pathogens	E. Rogacheva
A new peptIn with potent and broad-spectrum antimicrobial activity to combat ESKAPE pathogens	L. Khodaparast
In vitro activity of lactone ketolide nafithromycin (WCK 4873) against <i>Streptococcus pneumoniae</i> isolates enriched with macrolide-resistance phenotype collected from mainland China	M.-L. Zhou
A novel cholesterol-conjugated antimicrobial peptide nucleic acid (PNA) against <i>Mycoplasma genitalium</i>	M. Beeton

	Filamentous phages and its role in the phage defence in CF isolates of <i>P. aeruginosa</i>	O. Pacios Santamaría
	Aztreonam/avibactam effectiveness for aztreonam resistant <i>Stenotrophomonas maltophilia</i> strains	O. Oyardi
	Venomous versatility: crafting a potent cationic peptide for wide-spectrum antimicrobial defense, rapid wound healing, and effective disinfection	S. Sen
	APC148-avibactam restores meropenem susceptibility in multi-drug resistant Gram-negative bacteria in <i>vitro</i>	C. Matias
	Factors influencing mortality in <i>Staphylococcus aureus</i> bacteremia and <i>in vitro</i> bacteriophage efficacy	F.-I. Yesiler
	Relative inhibitory activities of the broad-spectrum β -lactamase inhibitor xeruborbactam against metallo- β -lactamases	C. Le Terrier
	<i>In vitro</i> activity of newly-developed β -lactamase inhibitors avibactam, relebactam and vaborbactam in combination with broad-spectrum cephalosporins against AmpC overproducing clinical isolates of <i>Pseudomonas aeruginosa</i>	C. Le Terrier
	Bacteriophages as innovative compounds against <i>Pseudomonas aeruginosa</i> infections in pets	E. Cunha
	<i>In vitro</i> activity of rifabutin combined with polymyxin B in <i>Acinetobacter baumannii</i>	C. Kemmer
	<i>In vivo</i> efficacy of BV100 in combination with polymyxin B (POL) in neutropenic murine thigh infection models of <i>Acinetobacter baumannii</i>	G.-E. Dale
	An evolution approach for enhancing phage efficacy and minimising phage resistance	B. Wahid
	<i>In vitro</i> activity of cefepime/zidebactam (WCK 5222) against a panel of MDR/XDR <i>Pseudomonas aeruginosa</i> isolates from India enriched with resistance to novel β -lactam/ β -lactamase inhibitor combinations	A.-E. Muller
	Antimicrobial activity of ceftriaxone 1 g twice versus 2 g once daily against <i>Streptococcus pneumoniae</i> in murine pneumonia model	H. Kato
	A novel dibenzodiazepine derivative reduces bacterial resistance to oxidative stress to inhibit intracellular <i>Salmonella</i> <i>typhimurium</i>	H.-C. Chiu
	Bacteriophage-antibiotic combinations as an alternative treatment option for carbapenem-resistant <i>Pseudomonas aeruginosa</i> (CR _{PA})	T.-P. Lim
	Evaluating efficacy of bacteriophage-antibiotics combinations against clinical carbapenem-resistant <i>Klebsiella pneumoniae</i> (CR _{KP}) isolates	T.-P. Lim
	Post- β -lactamase-inhibitor effect of nacubactam in combination with aztreonam and cefepime on ESBL, AmpC, KPC, or OXA-48-producing Enterobacterales	H. Okade
	Evaluation of antibacterial properties of ionic liquids against <i>Escherichia coli</i>	J. Embekkat Kaviyil
	Immunostimulatory effect of flagellin on multidrug-resistant <i>Klebsiella pneumoniae</i> infected human airway epithelial cells	C. Van Linge
	Potential of an antimicrobial peptide and a polyurea pharomadendrimer for treating mild superficial diabetic foot infections by <i>S. aureus</i> and <i>P. aeruginosa</i>	M. Oliveira
	Antimicrobial effect of antisense PNA conjugated with a CPP on different bacteria	J. Santos Oliveira
	A tomatidine derivative with significant bactericidal activity against methicillin-resistant <i>Staphylococcus aureus</i> and small colony variants	C. Mailhot
	Identification of two new cecropin A/melittin hybrid peptides with wide-range antimicrobial activity against multidrug-resistant pathogens	M. López-Siles
	The use of metal ions and graphene-based compounds as novel antimicrobials against multidrug-resistant chlorhexidine adapted <i>Klebsiella pneumoniae</i>	N. Karaky
	Novel synthetic EGCG analogs potentiate intracellular killing of <i>Staphylococcus aureus</i> within liver-resident macrophages	R. Grosso
	Unlocking the role of neurosteroids in bacterial infection	D. Brdova
	Analysis of oritavancin <i>in vitro</i> activity against vancomycin-resistant <i>Enterococcus faecium</i> isolates	N. Burillo
	<i>In vitro</i> potency of ceftibuten combinations with xeruborbactam, ledaborbactam or avibactam against recent European isolates of Enterobacterales	O. Lomovskaya
	Ciprofloxacin-aztreonam combination provides synergistic killing against <i>Pseudomonas aeruginosa</i> PAO1 and isogenic strains showing AmpC or MexAB-OprM hyperproduction	J. Tait
	Determination of the PK/PD driver for the LepB inhibitor, GDC-0829, a novel broad-spectrum antibiotic against Gram-negative bacterial infections	M. Xu
	Optimising a synergistic phage cocktail: development of a multiplex dPCR system	S.-C. Nang
	Antimicrobial activity of biodegradation products of the magnesium-based alloy	D. Kyryk
	Polymyxins differentially remodel human macrophage proteomic landscape in the presence and absence of bacterial infection	Z.-Y. Kho
	<i>In vitro</i> combination of phages with antibacterial agents against carbapenemase-producing <i>K. pneumoniae</i> clinical isolates	P. Paranos
	Optimisation of double-layer agar for phage quantification	P. Paranos
	A novel leucyl-tRNA synthetase inhibitor, MRX-5 is active against <i>Mycobacterium abscessus</i>	B. Li
	A new phage-antibiotic strategy for restoring MDR <i>Acinetobacter baumannii</i> susceptibility	S. Stracquadanio

	Determination of the role of a novel synthetic cyclic peptide to revert resistance to tetracycline-like antimicrobials in <i>Pseudomonas aeruginosa</i> .	N. Roson-Calero
	A platform for screening of inhibitors of bacterial antibiotic resistance mechanisms	J. Viktorova
	Enhancing the delivery efficiency of nucleic acid mimics into bacteria: influence of liposome composition/functionalisation	J.-P. Ferreira Dos Santos
	Antibacterial activity of ibezapolstat against antimicrobial resistant clinical strains of <i>Clostridioides difficile</i>	E. Basseres
	Prioritisation of potential drug targets using protein-protein interaction network analysis in uropathogenic <i>Escherichia coli</i> and insights for finding inhibitors through molecular docking studies	H. Kaur
	A novel <i>Klebsiella pneumoniae</i> bacteriophage kpn17 with depolymerase activity: its efficacy on biofilm formation	S. Unlu
	Overcoming intrinsic resistance of Enterobacterales with a novel molecule adjuvant (MD-124) by improving antibiotic activity through increased membrane permeability	J. Roberts
	Copper (II) compounds with enhanced photodynamic properties as antimicrobials for the treatment of wound infections	K. Turzanska
	Phage-mediated reduction of extensively drug-resistant (XDR) <i>Klebsiella pneumoniae</i> ST16 on hard surfaces for decontamination	M.-H. Lenzi
	Study of the antimicrobial and biological properties of two cationic carbosilane dendrimers against extended-spectrum beta-lactamase-producing <i>Escherichia coli</i>	M. Hernando Gozalo
	Glyphosate sensibility screening on an extensive collection of microfungi and bacteria	H. Zerrouki
	<i>In vitro</i> synergistic effect and mutant prevention concentration of eravacycline alone or in combination with various antibiotics against OXA-48 producing Enterobacterales	E. Mataraci-Kara
	Low frequency of spontaneous resistance to LepB inhibitors, GDC-5780 and GDC-0829, in target Gram-negative bacterial species	H. Girgis
	Subcutaneous administration of beta-lactams: a systematic review	B. Liguoro
	Using <i>in vivo</i> local chronic infection model to validate <i>Pseudomonas aeruginosa</i> clinical phage microbiology (cpm)	A. Rimon
	<i>In vivo</i> evaluation of CZ-02188: PK and <i>in vivo</i> efficacy for a new class of antibacterial agent	C. Testa
	<i>In vitro</i> killing kinetics of GDC-5780, a novel Gram-negative antibiotic, against a panel of <i>Enterobacteriaceae</i> isolates	G. Dieppois
	Antimicrobial photodynamic therapy of bacterial pneumonias and drug design to overcome the lung surfactant barrier	G. Kassab
	High activity and specificity of bacteriophage cocktails against carbapenem-resistant <i>Klebsiella pneumoniae</i> belonging to high risk clones CG258 and ST307	J.-N. Jimenez
	Assessing synergistic interactions of newly isolated phages in combination with antibacterial agents against MBL-producing <i>P. aeruginosa</i> clinical isolates	P. Paranos
	Combination of minocycline and ciprofloxacin enhances the inhibitory effect of TNF alpha production in LPS-stimulated THP-1 cells	I. Sakamaki
	Utilising non-antibiotic compounds to increase intracellular killing of <i>Staphylococcus aureus</i> through immunomodulation	R. Grosso
	Relebactam improves the efficacy of imipenem against <i>Burkholderia cepacia</i> complex in a neutropenic mouse lung infection model	K. Young
	A novel antimicrobial peptide against multiple drug-resistant bacteria improves infection outcomes in mice	J. Vitucci
	Evaluating the environmental stability of HtrA, a novel bacterial protease that protects mice from <i>Clostridioides difficile</i> disease	J. Greenlaw
	Sulopenem: feasibility of an oral penem in tackling urinary Enterobacterales isolates in Indian population	S. Yadav
	Phage-antibiotic synergistic effects on genetic and phenotypic changes in multidrug-resistant <i>Pseudomonas aeruginosa</i> (MDR-PA)	T.-P. Lim
	Characterisation of <i>F. nucleatum</i> FabK as a narrow-spectrum target for antibacterial chemotherapy?	K. Avad
	<i>In silico</i> selection and <i>in vivo</i> validation of new uropathogenic <i>Escherichia coli</i> inhibitors	H. Kaur
	Optimising <i>in vitro</i> phage-ciprofloxacin combination formulation for respiratory therapy of multidrug-resistant <i>Pseudomonas aeruginosa</i> infections	Q. Hong
	Exploring the potential of thymoquinone-based organic nanoparticles in combating methicillin-resistant <i>Staphylococcus aureus</i>	N.-A. Saif
	Assessment of bacteriological profile and susceptibility pattern of multidrug-resistant Gram-negative bacteria to an innovative antibiotic combination: ceftriaxone-sulbactam plus EDTA	H. Madigubba
	Optimised arylomycins GDC-5780 and GDC-0829 represent a promising novel class of antibiotics against Gram-negative pathogens	M. Koehler
	Developing the arylomycins into novel antibiotics against Gram-negative bacteria	M. Koehler
	Optimising buffer composition and salt concentration in a three-step workflow for bacteriophage purification in therapeutic applications	H. Onallah
	Evaluation of synergic activity between bacteriophage PSE1720 and meropenem against <i>Pseudomonas aeruginosa</i> strains isolated from cystic fibrosis patients	G. Toccaceli
	Assessment of zosurabalpin activity in combination with other antibiotics	I. Erbeti

	Evaluation of phage SAU 1593 activity combined with antibiotics against <i>Staphylococcus aureus</i> strains isolated from diabetic foot ulcers	G. Toccaceli
	In vitro evaluation of cefiderocol and the combination of ceftazidime/avibactam and aztreonam, against extensively drug-resistant <i>Pseudomonas aeruginosa</i> isolates producing serine and metallo- β -lactamases	M.-M. Montero
	MIC distributions and activity of the novel anti- <i>Acinetobacter</i> agent zosurabalpin (RG6006)	S. Hawser
	Activity of cefepime/enmetazobactam against clinical isolates of carbapenem-resistant OXA-48-producing Enterobacterales	J.-C. Vazquez-Ucha
	Development and in vitro bioevaluation of gentamicin-bacteriophage-loaded biodegradable dressing with antimicrobial prospects against <i>Pseudomonas aeruginosa</i>	L. Khullar
	Antimicrobial activity of <i>Staphylococcus</i> isolates from free-living pelicans and potential role in microbiota modulation	C. González-Azcona
	Microbiological characteristics of experimental long-term non-healing purulent wounds treated with silver nanoparticles and low-frequency ultrasound	P. Myronov
	Prospects for the use of bacteriophages for the treatment of wound infection caused by MDR, XDR, PDR <i>Klebsiella pneumoniae</i>	V. Poniatovskiy
	Quinoline amphipaths: a promising frontier for enhancing beta-lactam efficacy against MRSA through synergistic potentiation	S. Sen
	Exploring phage-antibiotic synergy: phage selection can restore antibiotic sensitivity to treat urinary tract infections in a preclinical study	N. Chaudhary
	Fluorinated selenoesters as novel inhibitors of bifunctional enzyme AAC/APH	M. Dvořák
	In vivo bacteriophage therapy in <i>Pseudomonas aeruginosa</i> burn wound infection	A. Uskudar-Guclu
	Rational in vitro design of a two-phase cocktail against a contemporary <i>A. baumannii</i> strain recovered from a burned patient at CHUV	H. De Villiers De La Noue
	Strain variability in pharmacodynamic responses to antibiotic-phage combination treatments in <i>Pseudomonas aeruginosa</i>	L.-R. Baars
	In vitro effectiveness of new generation drugs on resistant <i>Acinetobacter baumannii</i>	Y. Bolukbasi
	Novel β -lactamase inhibitors for combating OXA-48 carbapenemase-mediated resistance in Enterobacterales: a microbiological and biochemical evaluation	O. Michelle
	Cefepime/sulbactam versus multi drug resistant Gram-negative Enterobacterales infections	A. Soltysinska
	Investigating potential of phage therapy to target <i>Staphylococcus aureus</i> orthopaedic infections	S. Patpatia
	Mechanism of in vitro resistance to zosurabalpin (RG6006) in <i>Acinetobacter baumannii</i>	A. Trauner
	Antibiotic susceptibility of <i>Cutibacterium acnes</i> in orthopedic patients and alternative treatments	A. Angelopoulou
	Blocking bacterial communication process with quorum sensing specific antibodies as a new therapeutic strategy to treat <i>Pseudomonas aeruginosa</i> infections	L. Vilaplana
	Cyclometallated gold(III) dithiocarbamate complexes: searching for a clinical metalloantibiotic	S.-M. Soto
	Metformin's double duty: from antidiabetic hero to antibiotic dilemma	L. Maarouf
	Mechanisms of action of RW5, a Poly(Trp-Arg) peptide	E. Fuste
	Mechanisms of action of the Poly(Arg-Trp) peptide (RW2)	E. Fernandez De La Cruz
	In vitro cefiderocol activity against multiple multidrug-resistant Gram-negative bacteria	R. Lobato Cano
	SPR206: a novel polymyxin with broad-spectrum Gram-negative efficacy has potent synergy with macrolide and tetracycline antibiotics	A. Sidders
	Comparison of phage cocktail vs single phages against carbapenemase-producing <i>K. pneumoniae</i> clinical isolates	P. Paranos
	In vitro comparison of phage cocktail vs single phages against MBL-producing <i>P. aeruginosa</i> clinical isolates using growth curves	P. Paranos
	Let it flow: microfluidics to deliver antimicrobial nanoparticles for <i>Helicobacter pylori</i> management	D. Fonseca
	New peptide-based constructs for wound healing	M. Ferreira
	Synergistic bactericidal effect of phage therapy and pulsed blue light in planktonic and biofilm <i>pseudomonas aeruginosa</i>	A. Rimon
	Virulent jumbo phage vB_Kpn_MSAZC, against carbapenemase-producing <i>Klebsiella pneumoniae</i>	B. Zaki
	Bacteriophage efficacy against <i>Staphylococcus aureus</i> in burn wounds, using an ex vivo human skin model	M. Molendijk
	Development of a novel class of ribosomal inhibitors with potent activity against MDR bacterial pathogens to treat wound infections	D. Zurawski
	Antibiotic-loaded liposome armed on bacteriophage surface for combating methicillin-resistant <i>Staphylococcus aureus</i> infection by bio-orthogonal functionalisation strategy	L. Wang
	Resistance reversing effect of azaindole and indole derivatives in bacteria	N. Szemerédi
	Searching for antimicrobial-producing bacteria from soils and their potential as biocontrol agents	M.-S. Pino Hurtado

MEndoB, a chimeric lysin featuring a novel domain architecture and superior activity for the treatment of staphylococcal infections	C. Roehrig
Host defence peptides as promising strategy against multidrug resistant bacteria	A. De Filippis
Synthesis of silver and gold nanoparticles using the leaf extract of <i>M.esculenta</i> and their antibacterial activity against pan-resistant clinical isolates of patients with urinary tract infections	D. Diksha
Timely tactics: optimising bacteriophage and antimicrobial efficacy against daptomycin non-susceptible (DNS) and MRSA clinical isolates	C. Bleick
A thoughtful combination of Tequatrovirus/Vectrevirus bacteriophages allows mice gut decolonisation of a multidrug-resistant ST131 <i>Escherichia coli</i> strain	F. Laumay
Adaptation of a novel phage to enhance its lytic activity against multidrug-resistant <i>Staphylococcus aureus</i>	S. Bolognini
Target identification and mode of action studies of zosurabalpin	C. Zampaloni
Human serum lipids might affect <i>Staphylococcus aureus</i> sensitivity to phages	M. Di Luca
Novel <i>Klebsiella pneumoniae</i> bacteriophages active against multi-drug resistant clinical strains for hospitalized patient decolonisation	E. Fausti
Zosurabalpin (RG6006) blocks lipopolysaccharide transport within the LptB2FG(C) complex in acinetobacter	C. Zampaloni

12:00 - 13:30

Poster Area

5b. Pharmacokinetics/pharmacodynamics of antibacterial drugs & therapeutic drug monitoring (incl lab methods, models, in vitro and in vivo studies)

Bayesian AUC-based dosing of vancomycin in pediatrics: a single centre experience	R. Meyers
Tissue distribution of ceftazidime-avibactam in kidney tissue in healthy rats and pigs using a microdialysis technique.	M. Vallée
A systematic review of pulmonary pharmacokinetic/pharmacodynamic characteristics of beta-lactam antibiotics used to treat pneumonia caused by carbapenem-resistant Gram-negative bacteria	E. Rando
Development, validation and application of an LC-MS/MS method for the simultaneous quantitative determination of four triazole antifungal concentrations in human plasma	Y. Cai
Population pharmacokinetic model selection based on patient's characteristics improves the predictive performance of vancomycin individualised dosing	H.-K. Laas
Potential synergy of fluoxetine with antimicrobials	S. Ahmed
Therapeutic monitoring of dalbavancin concentrations in the long-term treatment of osteoarticular or periprosthetic joint infections: a single-centre experience	C. Mariani
Dried blood spot analysis for the quantification of vancomycin and creatinine using liquid chromatography-tandem mass spectrometry: method development and validation	S. Herbers Bahmany
Pharmacodynamics of fosfomycin in combination with meropenem: impact on the size of the fosfomycin pharmacodynamic index for <i>Klebsiella pneumoniae</i>	M. Attwood
Therapeutic drug monitoring of ceftazidime/avibactam supports continuous infusion administration: a retrospective analysis of pharmacological, microbiological, and clinical outcomes	S. Ferin
Pharmacokinetics and safety in ICU patients and healthy participants following single dose administration of zosurabalpin (RG6006), a novel pathogen-specific antibiotic for the treatment of serious <i>Acinetobacter</i> infections	E. Cottreel
A six-year experience of therapeutic drug monitoring of linezolid: more evidence favouring the need to individualise dosage regimens	S. Luque
Probability of target attainment analysis of orally administered amoxicillin using a physiology-based pharmacokinetic model	C. Darlow
Therapeutic drug monitoring of antibiotics in exhaled breath	S. Dräger
Predictive performance of population pharmacokinetic models for model-informed precision dosing of meropenem in critically ill patients varied across different study settings	I.-K. Minichmayr
Pharmacokinetics of zoliflodacin in healthy participants in the presence of itraconazole suggest no clinically meaningful CYP3A4-mediated drug-drug interactions	A. Luckey
Influence of continuous infusion on the plasma exposure of novel betalactams: does it really reduce the interindividual pharmacokinetic variability in different populations?	S. Luque
Short and extended infusion of beta-lactams: predicted impact on target attainment and risk for toxicity in intensive care patients	M. Swartling
Pharmacodynamic index driver of NOSO-502: conclusions from <i>in vivo</i> and <i>in vitro</i> studies	S. Van Den Berg
Pharmacokinetics and safety of BV100 in subjects with mild and moderate hepatic impairment	G.-E. Dale
<i>In vivo</i> efficacy of enmetazobactam combined with cefepime in a neutropenic murine OXA-48 <i>Klebsiella pneumoniae</i> pneumonia model	D. Croisier
BV100 displays potent efficacy against <i>Acinetobacter baumannii</i> in neutropenic murine thigh and lung infection models	M. Pieren

	Rapid design of combination antimicrobial therapy against <i>Acinetobacter baumannii</i>	B. Eales
	<i>In vitro</i> activity of gepotidacin and comparator agents against a collection of <i>K. pneumoniae</i> urine isolates collected from Europe during 2019-2022	S.-J.-R. Arends
	Clinical efficacy of attaining aggressive PK/PD targets with beta-lactams in critically ill patients with Gram-negative infections: a systematic review and meta-analysis	M. Gatti
	Population pharmacokinetics of flucloxacillin as intermittent bolus infusion in patients with <i>Staphylococcus aureus</i> bloodstream infection	S. Dräger
	A pre-post quasi-experimental study assessing the impact of a real-time TDM-guided expert clinical pharmacological advice programme for optimising continuous infusion beta-lactam PK/PD target attainment on clinical/microbiological outcome of documented Gram-negative infections among critical OLT recipients	M. Gatti
	Classification of patients into subpopulations with different best-fitting population pharmacokinetic models to improve model-informed precision dosing	H. Soeorg
	The higher, the worse? Increasing antibiotic exposure is associated with mortality in critically ill patients: an unexpected finding in a secondary analysis of the DOLPHIN trial	S. Dräger
	Teicoplanin regimens for the treatment of osteoarticular infection: an observational study	A.-H. Behring
	Simultaneous and fast UPLC-UV assay to quantify multiple triazole antifungal drugs for antifungal therapeutic drug monitoring (TDM)	T.-P. Lim
	Consideration of polymyxin B (PB) components matters when determining AUC values for accurate PB dose adjustments in patients with (extensively drug-resistant Gram-negative bacteria) XDR-GNB infections	T.-P. Lim
	Therapeutic drug monitoring of beta-lactams among hospitalised patients in Singapore: a prospective, single-centre, observational study (BLAST-2)	T.-P. Lim
	Development of an online tool for the management of drug-drug interactions with the novel anti-cytomegalovirus (CMV) agents letermovir and maribavir	L. Nijboer
	Pharmacokinetics of ethionamide and ethionamide sulfoxide in patients established on treatment for tuberculosis	M. Pieren
	Therapeutic drug monitoring of meropenem in critically ill patients during ECMO support: a single-centre prospective study	A. Pau-Parra
	Pharmacokinetics of ceftazidime/avibactam in bile fluid: an <i>in vivo</i> study	L. Palmowski
	Impact of efflux transporters on fluoroquinolone accumulation in eukaryotic cells and activity against intracellular <i>Staphylococcus aureus</i>	G. Mahieu
	Optimising dosing strategies of temocillin for systemic infections using pharmacokinetic-pharmacodynamic modelling and simulation	W. Van Os
	Pharmacokinetic and pharmacodynamic properties of polymyxin B in <i>Acinetobacter baumannii</i> murine infection models	S. Van Den Berg
	The addition of polymyxin B to minocycline may increase the antibacterial activity against <i>Klebsiella pneumoniae</i> in a murine infection model	S. Van Den Berg
	Safety and pharmacokinetic results from the first-in-human study with intravenously administered OMN6, a novel antimicrobial peptide for <i>Acinetobacter baumannii</i> (AB), conducted in healthy volunteers	A. Shorr
	Preliminary zosurabalpin broth microdilution quality control ranges using Clinical and Laboratory Standards Institute M23 criteria	M. Huband
	Lower temocillin doses are required in septic intensive care patients as compared to patients with mild urinary tract infections due to differences in protein binding	A.-E. Muller
	Anidulafungin exposure and population pharmacokinetics in critically ill patients with invasive candidiasis	O. Elkayal
	Addition of urine NGAL to serum creatinine improves prediction of cefepime clearance in pediatric ICU patients at high risk of acute kidney injury	H.-R. Hambrick
	A promising antimicrobial peptide against some virulence features of <i>Acinetobacter baumannii</i> clinical strains	I. Paris
	Mechanism-based mathematical modelling predicts the effects of ciprofloxacin and meropenem on <i>Pseudomonas aeruginosa</i> with different resistance mechanisms in cases where PK/PD indices cannot	A. Terrill
	Evaluation of the stability of ceftazidime/avibactam in elastomeric infusion devices used for outpatient parenteral antimicrobial therapy utilising a national stability protocol framework	F. Sime
	High rates of augmented renal clearance identified in critically ill paediatric patients leads to poor attainment of antimicrobial PK/PD targets	S. Parker
	Pharmacokinetic/pharmacodynamics target attainment rate of β -lactam antibiotic in low body weight patients	C.-C. Wu
	<i>In vivo</i> efficacy of humanized pulmonary exposures of WCK 5222 (cefepime/zidebactam) in neutropenic murine lung infection caused by carbapenemase-producing <i>Klebsiella pneumoniae</i> (KP) and <i>Acinetobacter baumannii</i> (AB) with WCK 5222 MICs of 16/16 to 64/64 mg/L	A.-E. Muller
	Exploring antibacterial potential of Withania coagulans: GC-MS profiling, molecular docking and <i>in vitro</i> studies	A. Ashraf
	Plasma and prostatic tissue pharmacokinetics of gepotidacin in patients undergoing prostatectomy: an <i>ex vivo</i> microdialysis study	V. Al Jalali
	Pharmacokinetics of ceftazidime-avibactam in critically ill patients undergoing continuous venovenous hemodiafiltration	A. O'jeanson
	Different therapeutic schemes influence PK/PD target attainment in patients administered with cefiderocol	J. Mula

	Continuous versus intermittent piperacillin-tazobactam infusion against low and high inoculum of ESBL-producing <i>Escherichia coli</i> infections	M. Giry
	Pharmacodynamics of minocycline combined with rifampicin against <i>Staphylococcus aureus</i> and <i>Acinetobacter baumannii</i> in a neutropenic murine lung infection model	A.-E. Muller
	Key factors influencing phage pharmacokinetics in healthy rodents through a model-based approach	Y.-W. Lin
	Exploring drug-exposure and therapeutic drug monitoring (TDM) in an outpatient antimicrobial therapy (OPAT) service	R. Wilson
	Meropenem and linezolid plasma and subcutaneous tissue pharmacokinetics in septic patients	M. Sanz Codina
	Fosfomycin and amikacin show a highly synergistic interaction against resistant <i>Escherichia coli</i> : a promising antibiotic combination therapy	N. Zimmermann
	A pooled population pharmacokinetic study of oral and intravenous clavulanic acid in neonates and infants: too many ratios?	S. Schouwenburg
	The instantaneous minimum inhibitory concentration as promising pharmacodynamic metric to optimise dosing strategies of piperacillin/tazobactam	M. Andersson
	Determination of the pharmacodynamic driver of efficacy of a novel type-3 secretion system inhibitor MBX-5452 against <i>Pseudomonas aeruginosa</i>	A. Lepak
	High target attainment for B-lactam antibiotics in patients with Gram-negative blood stream infections when actual minimum inhibitory concentrations are applied	I. Areskog Lejbman
	The pharmacokinetics of cloxacillin in the intensive care unit depend on the glomerular filtration rate and the plasma protein concentration	S. Perinel Ragey
	TDM-guided thrice weekly versus once daily administrations to optimise teicoplanin use in real-life settings	M. Gerbi
	Analysis of ceftazidime-avibactam concentrations in critically ill patients under extracorporeal membrane oxygenation support: a prospective single-centre observational study	M.-R. Sosa Garay
	Activity of gepotidacin against molecularly characterized <i>Klebsiella pneumoniae</i> isolates from patients with urinary tract infections in Europe and adjacent regions (2019-2022)	R.-E. Mendes
	Spine-tastic revolutions: tailoring dalbavancin treatment for infectious spondylodiscitis with a therapeutic drug monitoring (TDM) twist	F. Dellai
	Subcutaneous and intravenous ceftriaxone show similar PK/PD in older patients	S. Goutelle
	Effect of fosfomycin minimal inhibitory concentration determined by agar dilution on outcomes of ceftazidime/avibactam plus fosfomycin combination for the treatment of KPC-producing <i>K. pneumoniae</i> bloodstream infections	A. Oliva
	Pharmacokinetic/pharmacodynamic characteristics of the new monobactam AIC499 in murine thigh and lung infection models against Gram-negative pathogens	P.-C. Georgiou
	Pharmacodynamics of the new monobactam AIC499 in combination with tazobactam against Gram-negative pathogens in an experimental thigh infection murine model	P.-C. Georgiou
	Antimicrobial dosing in augmented renal clearance: a scoping review	A. Pehlivanli
	Time-dependent amoxicillin concentrations in infected tissue of deep-seated musculoskeletal infections	J. Erdmann
	Serial nitrite measurement to evaluate antimicrobial pharmacodynamics (PD) in urinary tract infections (UTIs): a proof-of-concept for precision antimicrobial therapy	E. Stadler
	Pharmacokinetics/pharmacodynamics and safety of EVER206, a novel polymyxin antimicrobial, in healthy Chinese subjects	S. Li
	Interspecies variability in protein binding of antibiotics as basis for translational PK/PD studies: a case study using cefazolin and clindamycin	H. Ahmed
	Spotting method as a high throughput alternative to the conventional spread plating method for bacterial time-kill experiments	V. Aranzana-Climent
	A six-year study examining the correlation between daptomycin exposure, clinical outcomes, and toxicity	L. Sorlí
	Development and validation of a PBPK model of gepotidacin in rats to predict exposure in human prostate	V. Aranzana-Climent
	Exposure to rifampicin and its metabolite 25-deacetyl rifampicin rapidly decreases during tuberculosis therapy	S. Goutelle
	Pulmonary penetration of high doses ceftobiprole administered by continuous infusion in critically ill patients with community-acquired pneumonia	C. Roger
	Optimising linezolid therapy in critical care: combining therapeutic drug monitoring and model-based approaches enhances target attainment	J. Starp
	Enhanced ceftolozane-tazobactam exposure improved eradication of resistant bacteria: implications for revised S, I, and R classification	A. Nussbaumer-Pröll
	Model-informed drug development for antimicrobials: translational pharmacokinetic-pharmacodynamic modelling of apramycin to facilitate prediction of efficacious dose in complicated urinary tract infections	I. Hernandez-Lozano
	Loading dose of ceftazidime need to be increased in critically ill patients	M. Launay
	Comparative assessment of renal function estimating equations as surrogates for amoxicillin clearance in geriatric inpatients	A. De Clercq
	Bayesian LeiCNS PBPK modeling for acyclovir dose optimisation for central nervous system viral infection	S. Ming
	Population pharmacokinetics and model-informed precision dosing of unbound teicoplanin in intensive care and hematology patients	J. Mouton

	Cotrimoxazole pharmacokinetics in critically-ill patients with impaired or augmented renal function	S. Perinel Ragey
	Near real-time dose adjustment of benzylpenicillin: a proof-of-concept for closed-loop control in healthy volunteers	R. Armiger
	Pharmacokinetics of amoxicillin/clavulanate in pediatric patients with severe community acquired pneumonia: a preliminary analysis from the PediCAP trial	J. Van Dyk
	Therapeutic drug monitoring and model-informed precision dosing are highly effective for optimising duration of dalbavancin exposure in long-term treatment of staphylococcal infections	P.-G. Cojutti
	Pharmacokinetic/pharmacodynamic target attainment of beta-lactam antibiotics in geriatric inpatients using standard-of-care dosing regimens	A. De Clercq
	In vitro activity of cefepime/enmetazobactam, and comparators, against OXA carbapenemase-positive Acinetobacter baumannii	N. Dunkel
	A small step in target site concentrations analysis, a big leap for prosthetic joint infection patients	G.-C. De Waard
	What clindamycin dose for which administration route in case of combination with rifampicin?	V. Jullien
	Pharmacokinetics, safety, and tolerability of funobactam alone or in combination with imipenem/cilastati in healthy subjects	J. Li
	Probability of target attainment and neurotoxic concentration of broad spectrum β -lactams in critically ill patients receiving continuous kidney replacement therapy	C. Tai
	Comparison of two different methods for measuring unbound concentrations of daptomycin in patients with proven or suspected gram-positive bacterial infections	S. Luque
	Cefepime/enmetazobactam dose adjustments for renal function in patients using population pharmacokinetic simulations	A. Santerre Henriksen
	Global standardisation of the preclinical translational murine pneumonia model: influence of starting inoculum on viability and reproducibility of Klebsiella pneumoniae in vivo growth	F. Andrew
	Humanised plasma profiles in a standardised preclinical murine infection model miss the mark on replicating pulmonary epithelial lining fluid (ELF) concentrations	F. Andrew
	Systematic review of antimicrobial pharmacokinetic/pharmacodynamic indices in murine thigh and hollow fibre infection models	N. Alabdulkarim
	Low early vancomycin target attainment: failing implementation or failing dosing recommendation?	D. Vanneste
	In vitro evaluation of the inoculum effect of various β -lactamase-producing Klebsiella pneumoniae isolates on ceftazidime-avibactam	A. Chauzy
	Impact of model-informed precision dosing in adults receiving vancomycin via continuous infusion: interim analysis of a randomised, controlled clinical trial	P. De Cock
	Isavuconazole pharmacokinetics in critically ill patients on extracorporeal membrane oxygenation	M.-R. Sosa Garay

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12:00 - 13:30	Poster Area
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5c. New or repurposed antibacterial agents: clinical studies and randomised trials	
Cefiderocol either in monotherapy or combination vs best available therapy in the treatment of carbapenem-resistant Acinetobacter baumannii infections: a systematic review and meta-analysis	L. Onorato
Outcomes at test of cure by baseline pathogen and cefepime-taniborbactam or meropenem MIC in the Phase 3 CERTAIN-1 study of patients with complicated urinary tract infection (cUTI)	G. Moeck
Real-world effectiveness and safety of cefiderocol in patients with Gram-negative bacterial infections in the early access programme in Spain: results of the PERSEUS study	P. Ramirez
Real-world effectiveness and safety of long-term (>28 days) cefiderocol treatment in patients with Gram-negative bacterial infections in the PERSEUS study in Spain	S. Jessica
Effectiveness of cefiderocol in patients with intra-abdominal infections caused by Gram-negative bacteria in the PERSEUS study in Spain	S. Jessica
Safety, tolerability, and pharmacokinetics of single and multiple ascending doses of ANT3310, a novel serine beta-lactamase inhibitor, in healthy volunteers	C. Zwingelstein
Antimicrobial susceptibility of baseline Neisseria gonorrhoeae isolates from participants recruited in the global zoliflodacin Phase 3 randomised controlled trial	E. Bettiol
Early symptom response in patients with uncomplicated urinary tract infection treated with gepotidacin or nitrofurantoin: pooled data from two pivotal Phase 3 studies	K. Kaye
Ceftazidime/avibactam versus other antimicrobial agents for treatment of multidrug-resistant Pseudomonas aeruginosa : a systematic review and meta-analysis	C. Gupta
Efficacy of gepotidacin vs nitrofurantoin for uncomplicated urinary tract infections: outcomes in EUCAST-based analysis populations from two Phase 3 noninferiority trials	A. Sheets
Gepotidacin and nitrofurantoin efficacy by baseline uropathogen phenotypes and genotypes recovered from EAGLE-2/EAGLE-3 clinical trials for uncomplicated urinary tract infections	N. Scangarella-Oman
In vitro activity of gepotidacin against baseline uropathogenic phenotypes and genotypes recovered from EAGLE-2/EAGLE-3 clinical trials for uncomplicated urinary tract infections	N. Scangarella-Oman

	Colistin/meropenem: the impact of synergy on outcomes in the OVERCOME trial	M. Huralaska
	A randomised trial evaluating a novel individualised treatment strategy for carbapenem-resistant Gram-negative infections	T.-P. Lim
	Normobaric oxygen therapy augments killing of slow growing <i>Pseudomonas aeruginosa</i> by quinolones	M. Kolpen
	Efficacy of ceftazidime-avibactam versus ceftolozane-tazobactam for multidrug-resistant <i>Pseudomonas aeruginosa</i> infections in the United States (CACTUS) among immunocompromised patients	R. Shields
	Pivmecillinam for oral transition therapy in Gram-negative bacteraemia	N. Stevenson
	Efficacy of cefiderocol for the treatment of <i>Stenotrophomonas maltophilia</i> infections: a case series from the SUSANA cohort	M. Fois
	Dalbavancin in the treatment of osteoarticular infections: real-world data from the Italian cohort SUSANA	L. Mezzadri
	Dalbavancin as consolidation therapy of enterococcal infective endocarditis: preliminary results of Spanish-French cohort	S. Sadyrbaeva-Dolgova
	Real-world use of dalbavancin in the Italian SUSANA cohort (SURveillance of SAfety and outcome of New Antibiotics)	S. Tordi
	Comparative evaluation of early treatment with ceftolozane/tazobactam versus ceftazidime/avibactam for non-COVID-19 patients with pneumonia due to multi-drug resistant <i>Pseudomonas aeruginosa</i>	T. Lodise
	Establishment and application of evaluation criteria for the clinical use of ceftazidime-avibactam	T. Chen
	IPTC standardised phage matching, treatment, and monitoring protocol for compassionate bacteriophage use in non-resolving infections	H. Onallah
	Effectiveness of fifth-generation-cephalosporins plus daptomycin compared to other-antimicrobial-regimens for methicillin-resistant <i>Staphylococcus aureus</i> bacteraemia: a multicentre retrospective cohort study (Staphy-DOOR)	A. Belati
	Chronic <i>Pseudomonas aeruginosa</i> pulmonary infection treated with a nebulised phage cocktail in patients with cystic fibrosis: a phase 1b/2a randomised, double-blind, placebo-controlled, multicentre study	U. Rappo
	Nano boost: enhancing antibacterial efficacy of ceftriaxone with magnesium oxide nanoparticles to tackle antimicrobial resistance	Q. Akram
	Cefiderocol for the treatment of resistant Gram-negative infections: preliminary results from the Italian multicentre CEFI-BAC study	B. Varisco
	A Phase 1 study of the safety, tolerability, and pharmacokinetics of the beta-lactamase inhibitor xeruboractam (XER) administered as the isobutyryloxymethyl oral prodrug to healthy adult subjects	J. Roberts
	An interim analysis of fovocip: a multicentre randomised trial of fosfomycin vs ciprofloxacin for febrile neutropenia prevention in haematological patients	J. Fernández

12:00 - 13:30

Poster Area

5d. Antimicrobial stewardship and prescribing (incl interventions, monitoring, impact, decision-support / prediction tools, behavioural aspects)

	Antimicrobial dosing optimisation during continuous renal replacement therapy: a comparison of clinical decision support systems	H. Sahinturk
	De-escalation of antibiotics in critically-ill patients with negative clinical cultures	S. Menon
	Stronger together? Potential of combining AMR industry datasets and comparison with WHO GLASS	Q. Leclerc
	Successful intervention in intensive care unit (ICU) of a private hospital in Rio de Janeiro: decreasing MDR bugs and keeping the patient's safety	W. Freitas
	Hospital-based antimicrobial stewardship in Denmark, Greenland, and the Faroe Islands: current landscape and barriers	C. Kraef
	Adherence to the recommendations of the antimicrobial stewardship program audits in a university hospital: what can we do better?	A. Irigoyen-Von-Sierakowski
	Improving appropriate empiric antibiotic treatment through the use of antibiotic standardised treatment packages	K. Öbrink-Hansen
	Mixed-method approach to determine additional off-label indications for specific antimicrobials: an example with ceftaroline	H. Stoorvogel
	Opportunities for self-administered outpatient parenteral antimicrobial therapy: a systematic literature review	H. Stoorvogel
	Need for proactive antimicrobial stewardship and effective infection control measures to address the escalating threat of antimicrobial resistance in Pakistan: A five-year analysis of carbapenem-resistant Gram-negative bacterial infections	S. Ishaque
	National colistin prescribing practices in neonates and children in South Africa: clinician survey	V. Chibabhai
	Impact of antibiotic stewardship program on hospital antibiotic consumption in an Italian hospital: an observational study	G. Stroffolini

	Successful implementation of an antimicrobial stewardship program in an oncology center in Lima, Peru	C. Seas
	Prospective pharmacist-led interventional study with multidisciplinary antimicrobial stewardship (AMS) programs among neonatal intensive care units (NICU) in South Africa	D. Goff
	Study of prescribing patterns and effectiveness of ceftolozane/tazobactam real-world analysis (SPECTRA): results on Australian utilisation and outcomes	E. Yucel
	Implementation of a tailored made multimodal strategy to reduce health care associated infections (HAI) in ten hospitals from two Latin-American countries: a challenge to overcome inequities	W. Cornistein
	Designing theory-driven behaviour change interventions to reduce unnecessary antibiotic prescribing in primary care in Vietnam: a systematic approach using the theoretical domains framework and behaviour change wheel	M.-D. Vu
	Optimising antibiotic via direct antibiotic susceptibility testing and stewardship among bacteraemic critically ill	C.-L. Lau
	Impact of multiplexed upper respiratory panels on antimicrobial stewardship	M. Yilmaz
	Impact of implementing repeated clinical audits and feedback on outpatient antibiotic prescribing in the paediatric emergency department at Nancy University Hospital, France	M. Ben Yaghlane
	A multi-centre quantitative and qualitative evaluation following removal of a linezolid formulary restriction	T. Liu
	Oral doxycycline for bacterial cystitis: an underutilised tool for antimicrobial stewardship programs	E. Oneill
	Assessment of a rapid diagnostic assay and antimicrobial stewardship intervention on treatment of Gram-negative bacteremia	J. Ventres
	Reporting the results of qualitative assessment of antibiotics prescribed in urinary tract infections improves appropriate antibiotic use	Y.-S. Park
	Antimicrobial prescription rate in Japan reduced significantly following the implementation of the national action plan on antimicrobial resistance	H. Hashimoto
	Implementing antimicrobial stewardship and infectious diseases specialist activities in non-university hospitals in Germany: the multicentre, clustered, two-arm interventional ID ROLL-OUT study	S. Rieg
	Targeted Clostridioides difficile infection antimicrobial stewardship ward round improves patient care: an Irish experience	S. Gash
	Building a roadmap for antimicrobial stewardship by assessment of prevailing practices in India: SWOT analysis from 40 hospitals	K. Chhotaria
	Excessive duration of antibiotic therapy in patients with common infections in Tergooi MC	S. Van Den Eijnde
	Factors associated with antibiotic use in long-term care facilities: a systematic review of quantitative studies	A. Bocquier
	Achievement of an optimal vancomycin plasma concentration according to different loading dose regimens, a prospective observational multicentre cohort study, VANCOCINEMA	A. Galy
	Patterns of outpatient antibiotic prescribing in older adults by social determinants of healthcare access before and during the COVID-19 pandemic: a population-based cohort study	M. Sapin
	Antimicrobial stewardship outcomes improve after infectious disease pharmacist integration with infectious disease consultation teams	J. Bork
	Impact of proactive antimicrobial stewardship (AS) intervention with a computerised microbiological alert system in patients with bloodstream infections (BSI): a pre-post intervention study	A. Di Marcello
	Engaging health workers and the public to take action to tackle AMR: the antibiotic guardian campaign	D. Ashiru-Oredope
	Jabs to tabs goes global: point-prevalence of doses of intravenous antibiotic administered as a function of daily census	A. Jenkins
	Impact of an antimicrobial stewardship programme on empiric colistin usage in a paediatric ICU in a tertiary care hospital	D. Nandakumar
	Prospective audit of piperacillin-tazobactam prescriptions in a university hospital	C. Orban
	Fungicap: knowledge, attitudes, and practices survey on prescribing antifungals by physicians in Colombia	L.-C. Nocua Baez
	Antibiotic prescribing patterns and associated factors in hospitals across three Asian countries: results from a point prevalence survey and focus group discussions with prescribers	Y. Duong
	Effect of oral fosfomycin compared to the intravenous beta lactam/beta-lactamase inhibitor or carbapenem in step-down treatment of patients with complicated urinary tract infection due to extended-spectrum beta-lactamase (ESBL) producing Enterobacteriaceae: a multicentre, open-label, randomised controlled, non-inferiority trial	J.-W. Seo
	Implementation of pathogen independent, model informed AUC-based dosing of vancomycin at university hospital Würzburg (UKW)	L. Gundlach
	Quantifying the carbon cost of intravenous antibiotics	P. Reay
	Antibiotic management programme in a tertiary intensive care unit: investigation of the effects of a carbapenem-restricted period	R. Güner
	Appropriateness of antibiotic use: an antimicrobial stewardship implementation project in a regional hospital in north Denmark	S.-A. Shakar
	National surveillance of antibiotic use among dentists in Japan from 2015 to 2021 using the national database of health insurance claims and specific health checkups of Japan	M. Ishikane
	The evolution of a beta-lactam resistance: a holistic narrative	T. Ashfield

	Study of prescribing patterns and effectiveness of ceftolozane/tazobactam (C/T) real-world analysis (SPECTRA): clinical outcomes and treatment patterns from Italy	E. Yucel
	Pharmacist-led optimisation of discharge antibiotic therapy duration in the emergency department	J. Zapata
	Study of prescribing patterns and effectiveness of ceftolozane/tazobactam (C/T) real-world analysis (SPECTRA): clinical outcomes and treatment patterns from Spain	E. Yucel
	Promoting real-world evidence use in antimicrobial stewardship in Latin America	M.-V. Villegas
	Effect of an antibiotic stewardship intervention on provider prescribing behavior for acute respiratory infections	L. May
	Study of prescribing patterns and effectiveness of ceftolozane/tazobactam (C/T) real-world analysis (SPECTRA): clinical outcomes and treatment patterns from UK	E. Yucel
	Study of prescribing patterns and effectiveness of ceftolozane/tazobactam (C/T) real-world analysis (SPECTRA): clinical outcomes and treatment patterns from Austria and Germany	E. Yucel
	Impact of enhanced antimicrobial stewardship and environmental cleaning on carbapenem-resistant <i>Enterobacteriales</i> incidence in a hospital setting	T. Taniguchi
	Data for action: results of the 2022 Australian hospital national antimicrobial prescribing survey	Z. Rashidzada
	Community antibiotic consumption in Cyprus 2015-2022	E. Mitsoura
	Outcomes of antimicrobial de-escalation with emphasis on antimicrobial utilisation in a tertiary care hospital at south India	J.-V.-L. Martinraj
	The GranBASS (Gram-negative bacteraemia antimicrobial spectrum score): a new score to evaluate antibiotic treatment spectrum in uncomplicated Gram-negative bacteraemia	M. Bongiovanni
	Improving antibiotic prescribing quality: impact of AMS measures and infectious diseases specialist services in non-university hospitals in Germany	G. Först
	Surveillance of antibiotic prescriptions in primary care in the Netherlands: indication-linked antibiotic prescribing quality indicator outcomes collected from routine care data	L. Wielders
	Reduction in piperacillin/tazobactam empiric use by antimicrobial stewardship implementation	J. Holler Gitz
	Clinical outcomes of hospitalised patients with chronic pulmonary diseases treated with ceftolozane/tazobactam: results from SPECTRA	E. Yucel
	Identifying excessive length of antibiotic treatment duration for hospital-acquired infections: a semi-automated approach to enhance antimicrobial stewardship	S. Kuijpers
	Driving antimicrobial stewardship practice change: analysis of ten years of data from a national antimicrobial prescribing auditing platform in Australian hospitals	Z. Rashidzada
	Impact of new EUCAST criteria on the treatment of <i>Pseudomonas aeruginosa</i> respiratory tract infections	A. Murgadella-Sancho
	The first audit of antifungal prescribing quality in Australia	A. Khanina
	Improving patient outcomes by addressing access disparities to develop quality antimicrobial stewardship programmes	M. Gilchrist
	Carbapenem or new β -lactam- β -lactamase inhibitors for empiric therapy? An Italian survey supported by SITA, SIMIT and SIAARTI to identify the factors affecting empiric antimicrobial therapy choice in real-life clinical practice	M. Colaneri
	Is shortened surgical antimicrobial prophylaxis the new norm? Surgeons' perspective	S. Ali
	Antibiotic utilisation for residents with suspected infections in nursing homes	C. Llor
	Antimicrobial prescribing in emergency wards in Belgium, Brazil, Canada, Georgia and the United Kingdom: first results from the outpatient Global Point Prevalence Survey of Antimicrobial Consumption and Resistance	A. Boven
	A scoping review of implementation of infection prevention and control programmes & antimicrobial stewardship in Sub-Saharan African hospitals: Facilitators and barriers	N. Bertulis
	Antibiotic prescription appropriateness in directing stewardship interventions and benchmarking	L. Dias
	A quality improvement initiative to improve compliance with timely antimicrobial review	S. Bashir
	Implementation of a regional antibiotic stewardship program (ASP) in a high-income, low multidrug-resistant organisms setting	S. Deutch
	Antimicrobial stewardship program value driven outcomes	G. Foo
	Measuring the impact of improved diagnostics on antimicrobial stewardship in respiratory tract infection (MIDAS-RTI Study)	A. Chung
	Improved usage of standard treatment packages for community-acquired pneumonia in the emergency department	S. Deutch
	Improving inpatient antimicrobial stewardship through single dose oral amoxicillin challenge among penicillin allergic veterans	D. Pattanaik
	How much can we SAVE? A cost-effectiveness analysis of an antibiotic stewardship intervention in the intensive care setting	A. Erbogasto
	Preliminary findings on antimicrobial stewardship in Brazilian primary care	M. Carneiro
	A comparison of antimicrobial prescription between a Belgian and Rwandan tertiary care hospital using the Global Point Prevalence Survey (Global-PPS) tool	C. Theunissen
	Antimicrobial stewardship in Brazilian intensive care units: second round	M. Carneiro
	Long term benefits of an AMS intervention to improve blood culture diagnostics in the emergency department	J. Jung
	Mapping and characterisation of antimicrobial stewardship tools for nursing homes in France	N. Jacquet
	Clinical impact of extended spectrum β -lactamases (ESBL)-producing <i>Escherichia coli</i> and antimicrobial stewardship in a cohort study of bacteremic urinary tract infections	S. Gómez-Zorrilla

	Switzerland on its way to the WHO target of 60% access group antibiotics: a two decades analysis of outpatient antibiotic consumption	C. Pluess-Suard
	EU targets for 2030 from the European action plan to combat antimicrobial resistance: where does Germany stand in the outpatient sector? Prescriptions of antibiotics for systemic use vary by patient age, prescribing specialty and geographical region, Germany 2019-2022	S.-B. Schink
	Knowledge gap in urine diagnostics	A. Schwabe
	A need for better communication between clinicians and microbiology laboratories in human and animal health care	O. Joean
	Impact of changes in antibiotic susceptibility reporting on meropenem prescriptions for <i>Pseudomonas aeruginosa</i> bacteraemia	Y. Ruch
	Geriatric ward perspectives on antibiotic use in palliative care: need for specific antibiotic policies	M. Morra
	Trends in antibiotics prescription during the implementation of antibiotic stewardship in high antimicrobial resistance settings	K. Thomas
	Lack of agreement of 80 national standard treatment guidelines with WHO AWaRe antibiotic book recommendations	G. Autore
	Mycology stewardship tool (MyST): reviewing antifungal prescribing practice to improve patient care	B. Ng
	Implementation of antimicrobial stewardship (AMS) ward round at University Hospital of Birmingham, Queen Elizabeth Hospital (QE), United Kingdom	N. Agravedi
	Leveraging partnerships to strengthen antimicrobial stewardship in Zambian public hospitals using a hub-and-spoke model	D. Banda
	Switching the script: nurses perceptions of IV-to-oral switch in acute care	S. Razaq
	Real-life use of recently introduced antibiotics against multidrug-resistant Gram-negative bacteria at Swedish university hospitals	L. Faxén
	Mapping methods and metrics for assessing antibiotic use in primary care	M. Escher
	Piperacillin-tazobactam and carbapenem use for ESBL-producing Enterobacteriaceae in urinary tract infections	C. Melita
	Antibiotic consumption in inpatient CF medicine	J.-T. Othmer
	Are cephalosporins without beta-lactamase inhibitors an option for treating OXA-48 carbapenemase-producing Enterobacterales bloodstream infections?	A. Blanco Arévalo
	Reduction of antimicrobial resistance after the implementation of an antimicrobial stewardship program in a Mexican reference hospital	A. Molina-Jaimes
	Nationwide assessment of hospital antibiotic stewardship programme implementation in Indonesia	R. Sinto
	Long-term and sustained effect of a multifaceted intervention to improve antibiotic management in patients with penicillin allergy at a university hospital in Florida, USA	J.-G. Castro
	Retrospective multicentre cohort of critically ill burn patients treated with cefiderocol for infections caused by multidrug-resistant non-fermenting Gram-negative bacteria	S. Soueges
	WHO reserved antibiotic utilisation patterns: audit from a tertiary care hospital in India	R. Rajakumar
	Pharmacist-led stewardship of echinocandins at a private hospital in South Africa	C. Naested
	Antimicrobial stewardship (AMS) practices in intensive care units (ICU): which elements should be implemented?	R. Bussolino
	Development and evaluation of a novel antibiotic point prevalence survey method in primary care (APC-PPS)	A. Cook
	Implementation of a national workshop on antimicrobial resistance in Lao PDR	C. Elias
	Determinants and opportunities of antimicrobial stewardship implementation in hospitals in low- and middle- income countries: a qualitative study	I. Pauwels
	Utilising pharmacist-led antimicrobial stewardship (AMS) rounds as a means to stop and reduce antibacterial use: a quality improvement approach	P. Kukadia
	Point prevalence survey on antibiotic use in a tertiary care hospital in Lao PDR	C. Elias
	Optimising vancomycin management in paediatric ICU: impact of a dosing package on severe AKI	M. Stokes
	Co-design of a visual ICU nurse handover tool to optimise infection care in a low-resource setting: a nurse led collaboration	C. Bonaconsa
	Global Antimicrobial Consumption System (GLASS-AMC): 2023 highlights	M. Escher
	Exploring antibiotic prescription patterns in a low-income country: the TSARA project in Madagascar	C. Elias
	Implementing antimicrobial stewardship in a Philippine tertiary care hospital: a five-year analysis of repeated point prevalence surveys for monitoring and quality improvement	M.-T. Gler
	Impact of an antimicrobial stewardship intervention in patients with negative blood cultures in days of treatment: the NO-BACT clinical trial	J.-A. Girón Ortega
	Process evaluation of an effective antibiotic stewardship intervention in hospitalised patients with community-acquired pneumonia	S. Van Den Eijnde
	The global point prevalence survey of antimicrobial consumption and resistance (Global-PPS): October 2023 results of antimicrobial prescribing in Calabar, Nigeria	A. Otu
	Impact of a bundle of interventions on quality-of-care indicators for <i>Staphylococcus aureus</i> bacteraemia: preliminary results of a quasi-experimental study	G. Casalini
	Antimicrobial susceptibility and time of hospitalisation: when is the empiric initiation of broad-spectrum antibiotics necessary?	A. Moreno Araya

	Audit of penicillin-allergy incidence in BMT patients and its effect on meropenem usage	P. Baker
	Consumption of reserve-antibiotics in German acute care hospitals: before, during and after the COVID-19 pandemic	B. Schweickert
	Antimicrobial prescribing in three public hospitals of rural South-Africa in 2023: results from the global point prevalence survey	J. Gallay
	Multidisciplinary perspectives on training for non-allergy specialists new to penicillin allergy de-labelling	B.-Y. Ng
	Implementation of clinical decision rules in Dutch hospitals to improve the quality of antibiotic prescribing	P. Van Der Linden
	Trends in antibacterial consumption in Belgian hospitals 2017-2021: assessing the impact of the COVID-19 pandemic	L. Catteau
	A systematic review of patient and public knowledge and understanding of antimicrobial resistance and antimicrobial stewardship	B. Jacob
	Assessing the differences in outpatient antibiotic consumption between reimbursement and sales data in Belgium, 2012-2022	L. Catteau
	Evaluation and expansion of a pharmacy-led therapeutic drug monitoring advisory service as part of an antimicrobial stewardship programme	P. De Cock
	Patient-focused training in outpatient parenteral antimicrobial therapy (OPAT) results in significant increases in self-administration	I. Kemp
	Structuring and implementation of an antimicrobial stewardship program in a public oncological hospital: challenges and achievements	O.-N. Encinas Sejas
	Improving primary care antibiotic prescribing to reduce antibiotic-resistant urine infections (IPAP-UTI): methods for selecting integrated care boards	A. Hammond
	Transforming prescribing culture: the impact of a restrictive intervention on empirical antimicrobial prescribing at a third-level hospital in Costa Rica	L.-D. Garro Zamora
	A multifaceted antimicrobial stewardship intervention in the urology department	G. Stroffolini
	Impact of the EUCAST rapid antimicrobial susceptibility testing (RAST) in patients with bacteremia on outcomes and antimicrobial stewardship: a real-life study	A. Santoro
	Check of appropriateness of antimicrobial therapy in nursing homes (CAPTAIN) study: a point prevalence study in Belgium	C. Quintens
	Impact on the pharmacoeconomics of a public oncological hospital through the implementation of an antimicrobial stewardship program	O.-N. Encinas Sejas
	Stealth prescribing of antibiotics after the implementation of a urinary tract infection e-prescribing protocol	E. Mastrogianni
	Engaging the patients and prescribers of tomorrow to address antimicrobial resistance	C. Little
	Reducing empirical ceftriaxone use for CAP: a behavioral intervention tutored within the 2022-2024 ESCMID AMS Certificate	F. Almeida
	Antibiotic consumption and prescription patterns over seven years in a tertiary care hospital in Karachi, Pakistan	N. Nasir
	Point-of-care tests for acute respiratory infections need comprehensive implementation packages to support use in primary care	S. Anthierens
	The global point prevalence survey (Global-PPS): surgical antimicrobial prophylaxis in the Philippines from 2017-2022	J. Garcia
	Impact of respiratory PCR testing on antimicrobial prescription in a infectious diseases department	L. Dahmane
	Adherence of quality indicators for appropriate antibiotic use in the emergency department (ED)	G.-F. Gemma
	The clinimetric profile of 11 generic quality indicators for appropriate antibiotic use in Hospitalised patients in Indonesia	R.-N. Tunjungputri
	Mortality predictors in patients with negative blood cultures after a specific antimicrobial stewardship intervention: a post hoc analysis of NO-BACT clinical trial	P. Retamar Gentil
	Implementation of a pharmacist driven nasal MRSA PCR screening protocol and evaluation on impact of vancomycin utilisation and antibiotic susceptibility at a community hospital in Miami	R. Boatwright
	Antibiotic usage shifts in a northeast Mexico COVID-19 care facility: a retrospective analysis	G.-M. Aguirre-García
	A carbapenem focussed stewardship ward round (CSW), reduces duration of carbapenem prescribing in a tertiary hospital	J. Brolly
	Uptake of OpenWHO massive open online courses on antimicrobial stewardship	D. Tong
	Point prevalence vs period prevalence: the best timing to collect antibiotic prescription data in a hospital setting using AWARE classification	G. Brigadoi
	Surveillance non-directed bronchial lavage allows early targeted antibiotic therapy in ventilator associated pneumonia	J. Thompson
	Intervention programme for optimisation of antimicrobials in an haematology service	M.-D.-M. Arenas Miras
	When the solution becomes the problem: particulate formation in piperacillin/tazobactam continuous infusion	C. Quintens
	The experience of an antimicrobial stewardship programme and resistance trends during the COVID-19 pandemic at a tertiary care center in a low- and middle-income country	R. El Helou
	Age and sex-specific differences in inpatient antibiotic utilisation at a tertiary care centre in a low-middle-income country	N. Nasir
	Facilitating safer fluoroquinolone prescribing using formalised risk-assessment	S. Lauhoff

Role of clinical pharmacists (CP)in the conduct of auditing antibiotic IP prescriptions in resource-limited countries	A. Rohit
Multidisciplinary visit of the antimicrobial stewardship programme as a strategy for optimising antimicrobial use in the intensive care units of a private hospital with an open medical staff	O.-N. Encinas Sejas
Point prevalence survey in community pharmacies identifies targets for quality improvement in antimicrobial stewardship in community pharmacies in Lagos Nigeria	P. Oshun
Antibiotic dispensing per type of healthcare provider in rural Burkina Faso: a healthcare visit exit survey	D. Valia

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12:00 - 13:30	Poster Area
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5e. Safety, hypersensitivity and adverse effects of treatment	
Risk factors for the development of acute kidney injury in patients treated with polymyxin B in a tertiary medical centre: a prospective cohort study	J.-L. Vicencio
Outpatient parenteral antibiotic therapy (OPAT) through elastomeric continuous infusion pumps in a real-life observational study: characteristics, safety, and efficacy analysis	G. Giuliano
RETRACE: a retrospective chart review to evaluate the safety profile of ceftobiprole in patients with impaired hepatic, renal or immune function	E. Durante-Mangoni
Safety profile of oral zoliflodacin for uncomplicated gonorrhoea in a Phase 3 trial	G. Kormmann
Five years of quality control of therapeutic phage APIs in Belgium: lessons learned	P.-J. Ceyssens
Penicillin allergy delabeling in Germany: current challenges and novel clinical pathways	T. Koch
Search for nephroprotectants to eliminate polymyxin nephrotoxicity	I. Kleyn
Implementation of UK regulator advice on risk of deafness with aminoglycosides	P. Howard
Evaluating the safety of a novel bacterial protease for the treatment of Clostridioides difficile infection in a murine model	H.-M. Wood
Investigation of polypharmacy, antimicrobial related potential drug-drug interactions in patients with hematological malignities	R. Güner
Incidence of serotonin syndrome caused by tedizolid and concomitant serotonergic agents	S. Shah
Intravenous push vs intermittent infusion beta-lactams in paediatrics: safety and time to administration	K. Marsh
Spatially resolved transcriptomic analysis of polymyxin-induced nephrotoxicity in mice	J. Zhao
The strategy of preventing colistin induced nephrotoxicity on murine thigh model	K. Minsoo
How should we start implementing aminoglycoside pharmacogenetic testing to prevent ototoxicity? Considerations for future practice	V. Chorro-Mari
Allergy to amphotericin B: how does it compare with other antimicrobials and what are the risks associated with use?	S. Roberts

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12:00 - 13:30	Poster Area
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5f. Pharmacoepidemiology / pharmacoconomics (incl cost-effectiveness, modelling, data tools)	
Budget impact evaluation of fidaxomicin vs vancomycin in treating Clostridioides difficile infections: a retrospective analysis of reimbursement data of a German tertiary hospital	A.-C. Siefen
Essential antibiotics experience an 87% price variation, impacting affordability in India: a study over a decade	S. Radhakrishnan
Antibiotic prescribing for common infections and association with patient outcomes: analysis using electronic prescription data in Vietnam primary care centres	V.-N. Nguyen
Antimicrobial subscription pilot model: thirteen months experience in England	P. Howard

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12:15 - 13:15	Arena 1
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Therapeutics	Moderator U. Theuretzbacher
The Therapeutics Pipeline Corner offers small, innovative pharmaceutical companies a platform to present their early-stage therapies in development to a wider audience.	
Unison Medicines	D. Witt
UT Southwestern Medical Center	D. Greenberg
Justus-Liebig-University Giessen	T. Schäberle
MyxoBiomedical	J. Herrmann

Uppsala University	D. Hughes
Rostra Therapeutics	D. Findlay
Theralia	B.-A. Borsa

12:15 - 13:15	Arena 2
Going green: infection and sustainability In general, sustainability and environmental protection are global topics of utmost importance. After the recent COVID-19 pandemic, sustainable measures within the healthcare setting in infection prevention and control finally received the needed attention. Unfortunately, efforts to protect our environment and those to protect our patients seem to clash at times, in part, due to the lack of data or knowledge. This Open Forum aims to elude this conflict and give an overview of what is presently known to achieve the best for both goals.	Chair N. Power
12:15 Reduction of energy use in the lab	R. Slaats
12:30 Sustainability and IPC: friend or foe?	A. Voss
12:45 Do we really need all these gloves?	S. Tschudin Sutter

12:15 - 13:15	Arena 4
Research integrity in clinical microbiology and infectious diseases Infectious disease (ID) and clinical microbiology (CM) research has long been centred in Europe and North America, with men physicians and microbiologists historically enjoying greater access to its leadership roles and thus the narratives it prioritises. The face of ID & CM research is slowly changing, however, with some institutions and some journals proactively initiating more inclusive policies. This Open Forum will assess our current landscape and discuss recent developments to reduce its burden of inequity.	Chair A. Barac
12:15 Eliminating "helicopter research" in CM/ID	N. Fadul
12:30 Women's representation in clinical trials: between participants and PIs	D. Yahav
12:45 Women's authorship and editorship in CM/ID journals	K. Last
13:00 Informed consent: the balance between patient autonomy and broad representation of populations in trials	M. Cevik

12:15 - 13:15	Fireplace area
Fireplace: Innovations in diagnosis, treatment and prevention of malaria	Chair A. Kantele
	S.-B. Sirima

12:15 - 13:15	Hall L
A growing problem: tick-borne diseases – TBE and Lyme This symposium will raise awareness for ticks and tickborne diseases with an emphasis on TBE and Lyme – the most important vector borne disease in Europe. The topics covered by the symposium will provide insights on how to assess exposure risk to ticks, the influence of environment and human behavior, common and uncommon manifestations of Lyme and TBE in clinical practice as well as a current approach to find consensus on a severity scoring system for TBE.	ESCMID-appointed chair S.-J. Cutler
12:15 Welcome and Introduction	S.-J. Cutler
12:20 Risk of tick-borne diseases: today and tomorrow	A. Pilz
12:35 Tick-borne encephalitis and Lyme borreliosis, common and rare clinical presentations	R. Eikeland
12:50 Clinical classification of TBEV infection – a Delphi panel approach to consensus	U. Meyding-Lamadé
13:05 Panel Discussion and Q&A	S.-J. Cutler

12:15 - 13:15	Hall M
Year four of COVID-19: hot topics in outpatient management	ESCMID-appointed chair

Gone are the days of the pandemic, but SARS-CoV-2 is here to stay. This symposium is an opportunity to discuss the hot topics in outpatient COVID-19 burden of disease and management. Scientific education on key topics will include which patients are the most vulnerable to progress to severe COVID-19, benefits of outpatient management, current treatment options, the treatment and prevention pipeline, and the latest on Long COVID. The desired outcome is for learners to stay current on the burden of COVID-19 in high-risk patients, options for outpatient care, and the unmet medical needs in today's COVID-19.		D. Bogaert
12:15	Welcome and Introduction	D. Bogaert
12:20	COVID-19 is here to stay	
12:40	Outpatient antiviral therapies today	
13:05	Panel Discussion and Q&A	D. Bogaert
12:15 - 13:15		Hall N
Optimising prevention of adult pneumococcal disease and addressing vaccine confidence among adults		Chair J. Yuste ESCMID-appointed chair M. Ramirez
This symposium will provide an overview of epidemiology of pneumococcal disease after the implementation of pneumococcal conjugate vaccines (PCV) in pediatric immunization and review implications for new pneumococcal vaccine development. The symposium will also present a phase III clinical development program for V116, an investigational 21-valent PCV specifically developed to prevent adult pneumococcal disease. Lastly, the symposium will discuss strategies to increase vaccination confidence among adults.		
12:15	Welcome and Introduction	J. Yuste M. Ramirez
12:20	Impact of conjugate vaccines on serotype epidemiology in adults and implications for pneumococcal vaccine development	C. Ardanuy
12:35	V116 clinical development program	H. Platt
12:50	Increasing confidence in adult immunisation	
13:00	Panel Discussion and Q&A	J. Yuste M. Ramirez
12:15 - 13:15		Hall O
From virus to vaccine: behind the scenes of seasonal influenza vaccines		ESCMID-appointed chair N. Halasa
The first presentation in this session will explore the different types of influenza vaccines available, with a focus on the processes involved in the annual development and production of different seasonal influenza vaccines. We will examine the way vaccines are aligned with World Health Organization (WHO) recommendations and highlight some of the challenges associated with seasonal vaccine production, including the development of the candidate vaccine viruses (CVV). The second presentation in this session will focus on the implementation of childhood influenza vaccination programmes. Drawing upon experiences from Spain and across Europe, we will discuss considerations for programmatic rollout. Common barriers to vaccination will be examined, including how these can be addressed.		
12:15	Welcome and Introduction	N. Halasa
12:20	Setting the stage: preparations and production of seasonal influenza vaccines	L. Parker
12:40	In the spotlight: programmatic rollout of childhood influenza vaccination	J. Perez-Martin
13:00	Panel Discussion and Q&A	N. Halasa
12:30 - 12:50		Innovation Theater
Vaccinating vulnerable populations against COVID-19: a focus on Spikevax		
12:30	Vaccinating vulnerable populations against COVID-19: a focus on Spikevax	M. Cevik
13:00 - 13:20		Innovation Theater
Why do you QC? Let's get real...		

13:00	Why do you QC? Let's get real...	C. Connelly
13:30 - 13:50		Innovation Theater
Opening the DOOR to candidemia diagnostics: a desirability of outcomes ranking analysis of T2Candida vs. blood culture in critically ill patients		
13:30	Opening the DOOR to candidemia diagnostics: a desirability of outcomes ranking analysis of T2Candida vs. blood culture in critically ill patients	K. Caniff
13:30 - 14:30		Arena 1
Around the world with streptococcal infections		Chair L. Zuhlke Reserve chair
13:30	Paediatric invasive group A streptococcal infections in Portugal: post-pandemic expansion of the M1 _{UK} sub-lineage circulating since 2014/15	A. Friães
13:36	Genomic characterisation and bacterial association study of group A <i>Streptococcus</i> infections during the 2023 pandemic in Denmark identifies genetic traits associated with increased risk of invasive or severe infection	T. Johannesen
13:42	Epidemiology of invasive group A <i>Streptococcus</i> (iGAS) in Canada, 2018-2020	C. Primeau
13:48	Group A streptococcal meningitis in Belgium between 2012 and November 2023	S. De Koster
13:54	Contrasting dynamics of invasive <i>Streptococcus pyogenes</i> and <i>Streptococcus dysgalactiae</i> subspecies <i>equisimilis</i> infection in Australia: 2011-2023	O. Xie
14:00	Genomic features of invasive group B <i>Streptococcus</i> (GBS) isolates from Boston Children's Hospital reinforce antibiotic guidelines and the potential of vaccination	L. Cavalli
14:06	Vaginal carriage of group B <i>Streptococcus</i> (GBS) in pregnant women, antibiotic sensitivity and associated risk factors in Dakar, Senegal	N.-S. Ngom
14:12	Nationwide trends of invasive pneumococcal disease in the context of conjugate vaccines and the COVID-19 pandemic: a study spanning 2009-2023 in Spain	J. Sempere
14:18	Serotype 3 pneumococcus in Spain: clinical relevance and pathogenesis	J. Yuste
13:30 - 14:30		Arena 3
Speeding up microbiological test results		Invited chair Reserve chair
13:30	Clinical validation and protocol-optimisation of a commercial RT-LAMP assay as a rapid detection tool of hypervirulent <i>Klebsiella pneumoniae</i>	L. Marr
13:36	Optimising the diagnosis of <i>Candida auris</i> in the context of an outbreak at Miguel Servet University Hospital: evaluation of a molecular biology solution to accelerate the diagnostic response time	B. Dehesa-García
13:42	Performance evaluation of digital droplet PCR for quantification of plasma HIV-2 viral RNA	A. Söderlund-Strand
13:48	Assessing the potential clinical impact of a rapid host-response test for differentiating bacterial and viral infections in children	J.-G. Schneider
13:54	Rapid molecular assay for spontaneous bacterial peritonitis diagnosis	M. Miguélez Sánchez
14:00	Diagnostic accuracy of loop-mediated isothermal amplification assay for detection of <i>Mycobacterium leprae</i> in suspected leprosy patients from northern region of India	R. Yadav
14:06	Simultaneous quantification of EBV, CMV, VZV, HSV-1, HSV-2 and α -globin in human tissue samples on a digital PCR system based in-house assay	L.-S. Pflüger
14:12	Leukocytes count and Gram stain examination of distal lung specimens are associated with a higher rate of positive FilmArray pneumonia panel in the intensive care unit	M. Thy
14:18	Commercial automatic lab processing for urine and MRSA cultures	S. Seittenranta-Vekkelä
13:30 - 14:30		Hall B
Diagnostic stewardship: moulding clinician behaviour		Chairs

Antimicrobial resistance is an imminent threat to global health and has been exacerbated by the inappropriate use of diagnostics that lead to excessive prescription of antimicrobials. Diagnostic stewardship is an auxiliary to antimicrobial stewardship and emphasises on ordering the right tests for the right patient at the right time. It also promotes the judicious use of rapid and novel molecular diagnostic tools to allow for initiation of proper antibacterial and antifungal therapy while avoiding excessive use of broad-spectrum agents when not needed. Proper interpretation of test results is crucial to avoid overdiagnosis, and excessive healthcare costs.

13:30	Minding the moulds, advancing diagnostic stewardship in clinical practice	C. Lass-Flörl
14:00	Empowering junior doctors with diagnostic stewardship principles	J. Zakhour

13:30 - 14:30		Hall C
What a clinician should know about antibiotics use		Chairs A.-E. Muller C. Roubaud-Baudron Reserve chair
13:30	A good start is half the battle: antibiotic IV line residuals in the intensive care unit	D. Vanneste
13:42	Adherence to evidence-based polymyxin B and colistin dosing guidelines in Gram-negative sepsis: a clinical assessment	A.-K. K Rajan
13:54	Comparison of piperacillin/tazobactam and vancomycin (TZP-VAN) with piperacillin/tazobactam and teicoplanin (TZP-TEI) for the risk of acute kidney injury (CONCOMITANT): a prospective observational, multinational, multicentre cohort study	A.-T. Aslan
14:06	Which beta-lactam does worse? Comparison of the impact of ceftriaxone, piperacillin-tazobactam and ceftazidime-avibactam on the gut microbiota	E. Ruppe
14:18	Vancomycin in concert with piperacillin-tazobactam: reprise of acute kidney injury and area under the curve	A. Chizmar

13:30 - 14:30		Hall E
New compounds against biofilm-forming pathogens		Chair A. Pascual Hernandez
	Anti-biofilm MAPLE-deposited thin coatings based on core@double-shell magnetite nanoparticles	P.-C. Balaure
	Repeated daily exposures of <i>Staphylococcus aureus</i> biofilms to bacteriophage ISP and daptomycin are required for maximal synergistic effects	E. Verheul
	The novel second-generation IV/oral triterpenoid SCY-247 is efficacious in an experimental murine model of invasive candidiasis caused by <i>Candida glabrata</i>	N. Wiederhold
	Inhaled mucus-penetrating lipid/polymer nanoparticles for extended antibiotic delivery in cystic fibrosis airways	R. Monteiro
	A high-efficiency, broad-spectrum antibacterial nanozyme for multidrug-resistant <i>Pseudomonas aeruginosa</i> wound infections therapy	S. Wen

13:30 - 14:30		Hall F
Controversies in diagnosis and treatment of difficult Gram-negative infections		
In this session two experts, a clinical microbiologist and an infectious diseases clinician, will address the role of the laboratory in the interpretation of the susceptibility patterns of multidrug resistant Gram-negative bacteria (e.g. AmpC producing enterobacteriales, carbapenem resistant bacilli, new antibiotics) and the approach to empirical and definitive treatment of such pathogens. The session aims to provide an overview of the current diagnostic strategies (rapid and conventional) and the current evidence on efficacy of new and old therapeutic regimens.		
13:30		B. Veeraraghavan
14:00		S. Ponnampalavanar

13:30 - 14:30		Hall H
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Bloodborne viruses and other pathogens affecting migrants		Chairs C. Kraef J. Van Griensven Reserve chair
13:30	Impaired adherence and higher prevalence of antiretroviral treatment side-effects in migrants living with HIV in Sweden	A. Mellgren
13:42	Persisting disparities of hepatitis B infection in migrants compared with Danish-born populations: a retrospective matched cohort study and policy recommendations	F. Seedat
13:54	Annual rates and trends of acute and chronic hepatitis B among immigrants and non-immigrants in Quebec, Canada from 1990 to 2018	Z. Sohani
14:06	Imported toxigenic <i>Corynebacterium diphtheriae</i> in refugees	A. Hansel
14:18	Crimean-Congo haemorrhagic fever virus screening in African immigrants in Spain	J. Pendones-Ulerio

13:30 - 14:30 Hall I

Winning the battle against surgical site infections		Chairs P. Nthumba O. Sandulescu Invited chair Reserve chair
13:30	Updated estimates on the preventability of surgical site infection (SSI) following 13 major surgical procedures performed during the early recognition and response to increases in SSI (Early 2RIS) trial	D. Anderson
13:42	Impact of <i>Staphylococcus aureus</i> surgical site infection in Europe: health economic results of the procedure independent, multidisciplinary, multinational SALT study	J. Salmanton-Garcia
13:54	Optimised perioperative antibiotic prophylaxis for cystectomy and urinary diversion: a randomised active-controlled single centre trial	M.-C. Thurnheer
14:06	Reduction of surgical site infection (SSI) in cardiac surgery: two key impact factors	A. Rohit
14:18	Correlation between reported beta-lactam allergy, adherence to prophylactic antibiotic guidelines and surgical site infections in cesarean deliveries	H. Mudrik-Zohar

13:30 - 14:30 Hall J

Tackling tough <i>Staphylococcus aureus</i> infections including alternative treatment		Chair L.-M. Palma Medina Invited chair Reserve chair
13:30	Characterisation of adaptive genetic variation in <i>Staphylococcus aureus</i> during colonisation	F. Coll
13:42	<i>glmM</i> and <i>hepT</i> : Key Players in Immune Evasion of <i>Staphylococcus aureus</i> Small Colony Variants through Metabolic and Cell Wall Effects	S. Liu
13:54	Cellular phenotypic profiling and backtracing exposes and predicts clinically relevant subpopulations in isogenic <i>Staphylococcus aureus</i> communities	C.-S. Lentz
14:06	Repurposing DNase I and alginate lyase to degrade the biofilm matrix of dual-species biofilms of <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> grown in artificial sputum medium: in vitro assessment of their activity in combination with broad-spectrum antibiotics	F. Van Bambeke
14:18	Evaluation of long-interval dalbavancin concentrations with the use of microdialysis in the epidural space, subarachnoid space, and medulla spinalis: a porcine model	J.-G. Lilleøre

13:30 - 14:30 Hall K

PK/PD modeling: from bench to bedside		
Past and current clinical practice relies on single time point, summary measures such as PK/PD indices and MIC to optimise antibiotic dosing regimens. In contrast, in vitro models of antibiotic PKPD evaluation are becoming increasingly mechanistic through incorporation of multi-omic data and use of hollow-fiber setups in addition to longitudinal colony forming unit (CFU) enumeration. However, these <i>in vitro</i> developments are proving hard to reach the bedside, notably due to our inability to directly measure CFU in patients. New measurement techniques are starting to appear in clinical studies such as direct quantitation of bacterial DNA load in sepsis or use of MALDI-TOF lipidomics to detect antibiotic resistance from bacterial samples. During the session, the experts will discuss the advantages and disadvantages of each method and the need to find new biomarkers that could be used in clinical and pre-clinical to perform translational PKPD.		

13:30		S. Wicha
14:00		A. Huttner
13:30 - 14:30		Meeting Room 8.32 (Hall 8.1 - CC8 upper floor)
Lyme Borreliosis Study Group open meeting		Meeting host V. Fingerle A.-J. Henningsson M. Markowicz
The official open business meeting for the ESCMID Study Group for Lyme Borreliosis (ESGBOR). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		
13:30 - 14:30		Meeting Room Munich (Hall 8.0)
Host and Microbiota Interaction Study Group open meeting		Meeting host L. Hoyles E.-J. Kuijper C. Van Dijk
The official open business meeting for the ESCMID Study Group for Host and Microbiota Interaction (ESGHAMI). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		
13:30 - 15:00		Meeting Room 8.30
CMI meets YSM / TAE		Meeting participant S. Asten C. Bulescu G. Caruana Y. Kherabi C. Kraef L. Leibovici F. Medioli C. Neidhöfer G. Pellejero N. Power P. Velikov
13:30 - 15:30		Hall A
Selective pressure: quiz show		Moderator J. Rodríguez-Baño
This competitive quiz first took place at ECCMID 2023, and we are thrilled to welcome back this interactive session with an improved layout and prizes to win for everyone. All ECCMID 2024 participants are welcome to attend this session for an interactive educational and entertaining experience.		
13:30 - 15:30		Hall D
New diagnostic and treatment interventions for tuberculosis based on the immune response		Chairs C. Lange D. Olivier
Inappropriate use of chemotherapy fuels multidrug-resistant TB (MDR-TB), which underscores the need to accelerate research on prevention, diagnosis, and treatment. This session highlights novel advances including how molecular and epigenetic profiling of immunity in TB can be used to explain disease heterogeneity and explore if therapeutic enhancement of immune responses in TB can be exploited to counteract antimicrobial resistance. The talks will also address how new diagnostic advancements can enable an improved classification of TB sub-groups and guide individualised treatment options. This includes immune-enhancing therapies that represent an underexplored opportunity to improve and guard the effect of antibiotics by restoring protective immunity in TB patients.		
13:30	New perspectives on molecular endotyping that can improve patient stratification and guide clinical management	A. Dinardo
14:00	Discovery of immune-enhancing therapies that prevent development of drug-resistant tuberculosis	S. Brighenti

14:30	Biomarkers for tuberculosis infection: from the host to the pathogen	D. Goletti
15:00	Targeting the innate immune response to improve outcomes in TB	J.-S. Friedland
13:30 - 15:30		Hall L
COVID-19: are we meeting the challenge? This interactive, discussion-based session will use the latest COVID-19 data, insights and perspectives to discuss whether we are meeting the evolving challenge of global COVID-19 prevention and treatment. The session objectives are to: - Discuss the critical need for vaccination to help protect against severe COVID-19, and explore which patients are still at high risk of progressing to severe disease and why - Provide practical guidance on COVID-19 prevention and treatment options, focusing on how and when to treat, the importance of clear communication to those who are at risk and the development of vaccination plans - Review the latest COVID-19 clinical data and insights, and discuss the future direction of COVID-19 prevention and treatment - Debate the changing perceptions and opinions among patients and healthcare professionals regarding the COVID-19 prevention and treatment landscape - Emphasise the role of infectious disease specialists as educators on the management of COVID-19 within their institutions		Chair R. Paredes ESCMID-appointed chair S. Van Der Werf
13:30	Welcome and Introduction	S. Van Der Werf R. Paredes
13:45	Adapting to change: navigating the shifting COVID-19 landscape	J. Gayed
14:05	Real-world evidence: revealing the impact of COVID-19 vaccination	Z. Al-Aly
14:20	Role of ID specialists in the management of COVID-19: treatment in high-risk populations	L. Moore
14:35	Role of COVID-19 antivirals today: who, how and why?	D. Salmon-Ceron
14:50	Looking forward: prevention and treatment in a post-pandemic era	R. Quercia
14:58	Questions and Answers	S. Van Der Werf R. Paredes
15:28	Closing Remarks	S. Van Der Werf R. Paredes
13:30 - 15:30		Hall M
Updates in cytomegalovirus and serious Gram-negative infections: striving for better outcomes This session is designed to provide participants with the newest data and approaches to cytomegalovirus (CMV) and gram-negative infections. The 2-hour session will be divided into two parts with the first section focused on CMV in solid organ transplantation and stem cell transplantation in the era of new antivirals. We will explore the challenges posed by CMV in the transplant patient population, including prevention, diagnosis, and treatment approaches. The second part will focus on novel antibiotics for gram-negative infections in critically ill patients, highlighting the evolving concepts in the treatment of nosocomial pneumonia as well as challenges with multi-drug resistant organisms.		Chairs R. Chemaly S.-S. Kanj ESCMID-appointed chair A. Kalil
13:30	Welcome and Introduction	A. Kalil R. Chemaly
13:33	Opening remarks Part 1: Advancements in CMV management: examining past, present, and future strategies in HSCT and solid organ transplantation	R. Chemaly
13:35	CMV prophylaxis in HSCT: past, present and future	G. Papanicolaou
13:53	New frontiers in CMV prophylaxis in solid organ transplantation: state of the art update	
14:11	Part 1: Panel Discussion and Q&A	A. Kalil R. Chemaly
14:31	Opening remarks Part 2: Emerging strategies in the management of nosocomial pneumonia in critically ill patients: addressing the challenge of MDR pathogens	S.-S. Kanj
14:33	Unraveling the evolving landscape of resistance: recent updates and novel findings	R. Shields
14:51	Unveiling real-world evidence: lessons learned from managing patients failing initial antibacterial therapy	
15:09	Part 2: Panel Discussion and Q&A	A. Kalil S.-S. Kanj
15:29	Closing Remarks	A. Kalil S.-S. Kanj
13:30 - 15:30		Hall N
Innovating rapid molecular diagnostics for infectious diseases: real world impact on patient care		Chair B. Oppenheim

In this expert session, featuring speakers from across Europe, leading healthcare professionals will present contemporary data, meta-analysis and real-world live experience on current and emerging healthcare threats – notably the ongoing challenges of circulating respiratory viruses and ever-increasing risk of antimicrobial resistance including carbapenemases and MRSA – and novel role of diagnostics in innovating patient management, infection control and antimicrobial stewardship.		ESCMID-appointed chair M. Leeflang
13:30	Welcome and Introduction	B. Oppenheim M. Leeflang
13:35	Rapid multiplex PCR for respiratory viruses reduces time to result and improves clinical care: results of a systematic review and meta-analysis	T. Clark
13:55	Management of respiratory diseases in the emergency department	C. Kill
14:15	Catching the ESKAPEs: can rapid surveillance impact our control efforts?	V. Cento
14:35	Novel approaches to CDI patient management with rapid PCR	E. Reigadas
14:55	Panel Discussion and Q&A	B. Oppenheim M. Leeflang
13:30 - 15:30		Hall O
The changing landscape of antifungal treatment: have we got it covered now? The aim of this symposium is to explore and discuss the changing landscape of antifungal resistance amongst different fungal species causing invasive fungal infections, the different propensity of resistance development amongst different classes of antifungal treatment and the clinical relevance of resistance as a consequence of clinical and environmental antifungal exposure. The symposium will discuss global registry (SENTRY) susceptibility surveillance data of amphotericin B, azoles, and echinocandins in mould infections. Review considerations of appropriate first-line treatment in regions with previously documented high triazole resistance, and change of treatment in patients with documented treatment failure in healthcare settings with and without diagnostic capabilities for resistance testing in patients with treatment failure. There will be an in-depth discussion on when and how to appropriately initiate and change targeted antifungal treatment for different fungal infections considering various clinical challenges in patients not responding to primary antifungal treatment.		Chair P.-L. White ESCMID-appointed chair D.-P. Kontoyiannis
13:30	Welcome and Introduction	P.-L. White D.-P. Kontoyiannis
13:40	The evolution of antifungal resistance - so what?	P.-E. Verweij
14:00	Antifungal resistance today: susceptibility patterns of azoles and amphotericin B against invasive mould infections from the SENTRY Antifungal Surveillance Program	M. Castanheira
14:20	Candida auris, how to treat and do the old susceptibility methods apply?	J. Meletiadis
14:40	When and how to appropriately initiate and change antifungal treatment for invasive mould infections	M. Slavin
15:00	Panel Discussion and Q&A	P.-L. White D.-P. Kontoyiannis
15:20	Summary/Meeting Close	P.-L. White D.-P. Kontoyiannis
13:30 - 15:30		Meeting Room 8.41
EUCIC Steering Committee		Meeting participant A.-W. Friedrich N.-T. Mutters E. Tacconelli
14:00 - 14:20		Innovation Theater
Beyfortus, a novel immunisation for RSV disease prevention in infants		
14:00	Beyfortus, a novel immunisation for RSV disease prevention in infants	
14:00 - 16:00		Meeting Room 8.33
Antibiotic Dosing Renal Impairment ECCMID Meeting		

14:30 - 14:50		Innovation Theater
TBC		
14:30 TBC		
14:30 - 15:45		Fireplace area
AMS Graduation Ceremony		Meeting participant B. Beovic E. Cambau J. Schouten
14:45 - 15:45		Arena 2
Empowering resistance surveillance networks: strength in unity		Invited chair Reserve chair
14:45	Antimicrobial resistance in the ESCPM group in Europe, 2020-2022	M. Boattini
14:51	Global trends in nonsusceptibility rates of <i>Escherichia coli</i> isolates to ceftazidime/avibactam: data from the Antimicrobial Testing Leadership and Surveillance (ATLAS) programme, 2014-21	P.-R. Hsueh
14:57	<i>In vitro</i> activity of ceftazidime-avibactam and comparators versus <i>Pseudomonas aeruginosa</i> collected as part of the ATLAS global surveillance program 2018-2022, stratified by acquired β -lactamase carriage	M. Wise
15:03	Prevalence of antibiotic-resistant bacterial colonisation in neonatal intensive care in Europe	M. Berkell
15:09	Spreading of antimicrobial resistance in carbapenem resistant <i>Klebsiella pneumoniae</i> infections	J. Boral
15:15	Susceptibility of clinically relevant <i>Achromobacter</i> spp. isolates collected globally to imipenem/relebactam and comparator agents: SMART 2015-2021	M. Wise
15:21	Thirty years of epidemiological surveillance of methicillin resistant <i>Staphylococcus aureus</i> in Belgian hospitals: are we able to keep on lowering the curve?	K. Latour
15:27	Bloodstream infections in European hospitals: aetiology and antimicrobial susceptibility results from the SENTRY Antimicrobial Surveillance Program (2021-2022)	H. Sader
15:33	Global geographical patterns and trends in WHO priority pathogens and AWaRe (Access, Watch, Reserve) antibiotic resistance across age groups: a global surveillance study	Y. Hu
14:45 - 15:45		Arena 4
Hospital wastewater, the forgotten threat		Chair T.-M. Kortbeek Reserve chair
14:45	Controlling carbapenemase-producing Enterobacterales in toilets in hospitals: peracetic acid disinfection or replacement of toilets is effective in a shorter perspective	A.-L. Engsbro
14:51	Sanitary ware of Irish hospitals as a reservoir of antimicrobial resistant pathogens	S. Hughes
14:57	The effectiveness of automatic toilet flushing devices in reducing surface contamination in the bathroom	J.-H. Park
15:03	What is the viable microbiome of the healthcare toilet?	S.-J. Dancer
15:09	Outbreak investigations using whole genome sequencing documents toilets as a reservoir of carbapenemase-producing <i>Citrobacter freundii</i> : implication for infection prevention and control	A.-L. Engsbro
15:15	A hospital carbapenemase-producing <i>Enterobacterales</i> outbreak potentially linked to exposure to contaminated shower drains	H.-A. Craddock
15:21	The drainome: metagenomics of sink wastewater on hospital wards can monitor antimicrobial resistance and identify reservoirs of carbapenemase-producing organisms	L.-B. Snell
15:27	From patients to hospital wastewater: tracing antimicrobial resistance in a health-care setting	L. Edgars
15:33	Carbapenem-resistant Enterobacterales running to the beach: silent storm in the paradise	M. Pereira

14:45 - 15:45

Hall B

Antibiotic hetero-resistance: does it matter?

Chairs

A. Pascual Hernandez
M. Wootton

Molecular and single-cell level techniques like microfluidics or time-lapse imaging, are potent tools in the fight against bacterial resistance and related phenomena including hetero-resistance. This symposium will examine the science and therapeutic approaches in this fast-moving area across a range of pathogens.

14:45 Single cell imaging for antibiotic susceptibility testing

J. Elf

15:15 Therapeutic approaches to combat hetero-resistance in Gram-negative pathogens

D. Weiss

14:45 - 15:45

Hall C

Emerging antibiotic resistance mechanisms

Chairs

J. Hrabak
L. Poirel
Reserve chair14:45 *rpmE2*, a novel mRNA target of the multifaceted *Staphylococcus aureus* SprF1 antitoxin and its role in antibiotic persistence

E. Ostyn

14:57 The heterogenetic dual-copy *bla*_{CTX-M-65} variants on the same plasmid mediated ceftazidime/avibactam resistance and vastly extended the fitness against potential multidrug pressure in *Klebsiella pneumoniae*

Y. Jiang

15:09 *NpmC*, a novel A1408 16S rRNA methyltransferase conferring pan-aminoglycoside resistance discovered in the gut of humans and animals

B.-R. Matamoros

15:21 Mutations in LiaF of *Enterococcus faecalis* associated with daptomycin resistance (DAP-R) differentially affect interaction dynamics with the histidine kinase LiaS in lipid nanodiscs

K. Hood

15:33 Porin mutations and KPC variant impact cefiderocol susceptibility against KPC-producing *Klebsiella pneumoniae*

R. Shields

14:45 - 15:45

Hall E

Human papillomavirus: should we immunise more than teens?

Chairs

O. Epaulard
J. Mossong

HPV vaccination is demonstrating year after year its major efficacy on HPV-associated cervix carcinoma. This is not, however, the only benefits expected from this vaccine, as HPV is involved in the carcinogenesis of other mucosa (particularly oropharynx and anus). Moreover, these successes question whether we should extend the age of catch-up immunisation, and also use this vaccine in secondary prophylaxis strategy. This session will provide the attendees with up-to-date knowledge on HPV carcinogenesis, the global current situation of HPV burden, the last data regarding the impact of vaccination worldwide, and the data supporting the use in adults above 25 and in those who experienced an HPV-associated disease.

14:45 Current impact of the HPV vaccine according to vaccine coverage

S.-M. Wark

15:15 Adults above 25, and those who already experienced an HPV-associated disease: should we extend the target of vaccination?

M. Jentschke

14:45 - 15:45

Hall F

Screening for the control of multidrug-resistant organisms in hospitals: adapting strategies to cross-border care needs

Chairs

C. Cimen Van Dijk
E. Tartari

Containing multi-drug resistant microorganisms (MDROs) and antimicrobial resistance (AMR) mechanisms is a critical global priority. Difficult-to-treat MDROs, such as carbapenemase-producing Gram-negative bacteria, are widely disseminated through various channels, including livestock, food, and human beings. Hospitals serve as a central hub for concentrating MDROs, as patients from high-prevalence areas are often transferred regionally or globally to centres for specialised surgical or medical interventions. Cross-border care is essential in providing emergency international assistance to victims of war and natural disasters. In this session, we will provide an overview of recent trends in managing this challenge and discuss various practices, such as admission and transfer screening of hospitalised patients, as well as follow-up infection prevention strategies to halt the transmission and spread of MDROs among inpatients and within communities.

14:45 Epidemiology of cross-border transmission of multidrug-resistant organisms to hospitals in Europe

M. Kajova

15:15 MDRO admission screening for cross-border hospital care

C. Glasner

14:45 - 15:45

Hall G

Children are not just small adults: interactive paediatric cases



Meet-the-expert involving interactive paediatric cases highlighting common pitfalls in diagnosis and management. Cases will be interactive, and the audience will be encouraged to participate using an on-line voting platform. The cases will reflect common pathologies encountered by paediatricians, clinical microbiologists and adult ID specialists and will highlight recent changes in practice.

14:45	S. Patel
15:15	J. Toubiana

14:45 - 15:45 Hall H

Friendly fire: deploying viruses against superbugs while avoiding pitfalls		Chairs J. Azeredo R. Nir-Paz Reserve chair
14:45	Phage K exposure generates phage K neutralising antibodies in a rabbit model	S. Herren
14:57	Recombinant capsule-targeting depolymerases broaden the host range of phages against <i>Klebsiella pneumoniae</i>	M. Roch
15:09	Isolation and characterisation of jumbo phage against <i>Pseudomonas aeruginosa</i> clinical isolates	P. Paranos
15:21	Synergistic biofilm eradication in <i>P. aeruginosa</i> : phage pre-treatment enhances ceftazidime-avibactam efficacy	K. Racenis
15:33	APPMx: a novel web-based open-access application for optimising anti-pseudomonal phage therapy	J. Zhao

14:45 - 15:45 Hall J

Diagnosis and treatment of rare infections in migrants and travellers		
Rare infections remain an important issue in clinical practice of post-travel patients but also in migrants and refugees. In this regard, clinicians face diagnostic challenges, that are often associated with the lack of treatment for some of these diseases. The experts in this session will discuss cases and highlight the characteristics of the diseases, the diagnostic methods, as well as the therapeutic options.		
14:45		W. Piyaphanee
15:15		A. Yinka-Ogunleye

14:45 - 15:45 Hall K

Mystifying mimics		Chair S. Ponnampalavanar Reserve chair
14:45	Nocardiosis unveiling its malignant mimicry in an immunocompetent host	R. Sarda
14:45	Haepatic chistosomiasis mimicking liver mass in a Filipino farmer	D. Balasta
14:45	Spotlight on rare mimickers: cervicofacial nocardiosis resembling Parinaud's oculoglandular syndrome	Y. Miyazato
14:45	Heavy metal poisoning masquerading as infectious encephalitis	S. Connolly
14:45	Neurocryptococcosis mimicking CNS lymphoma in an HIV-negative patient	P. Sellers

14:45 - 15:45 Meeting Room 8.31 (Hall 8.1 - CC8 upper floor)

Mycoplasma and Chlamydia Study Group open meeting		Meeting host S. Bruisten G. Greub
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The official open business meeting for the ESCMID Study Group for Mycoplasma and Chlamydia Infections (ESGMAC). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

J.-S. Jensen
M. Puolakkainen
B. Van Der Pol

14:45 - 15:45

Meeting Room Vienna
(Hall 8.0)

Staphylococci Study Group open meeting

The official open business meeting for the ESCMID Study Group for Staphylococci and Staphylococcal Diseases (ESGS). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

Meeting host
A. Goodman
A. Lacoma
F. Laurent
M. Stegger
S. Tong

15:00 - 15:20

Innovation Theater

TBC

15:00 TBC

15:00 - 16:00

Meeting Room 8.37

UEMS MM advisory committee meeting

Meeting participant
B. Boyle
E. Cambau
T.-M. Leegaard
M. Müller

15:30 - 16:30

Meeting Room
8.34/8.35

ECRAID: The Young Investigator meeting

Meeting participant
M.-J. Bonten
S. Foster
A.-C. Hernandez Padilla
M.-C. Shamier
Y. Themistocleous

16:00 - 17:15

Fireplace area

EUCIC Graduation Ceremony

Meeting participant
E. Cambau
A.-W. Friedrich
N.-T. Mutters
E. Tacconelli

16:00 - 17:30

Hall L

Tackling drug-resistant infections globally with rapid diagnostics: advancements in microbiology since the Jim O'Neill report

Lord Jim O'Neil will commence the session by revisiting his seminal 2016 report, offering an update on global initiatives in combating antimicrobial resistance and the journey ahead. A subsequent talk will confront the ongoing issue of inappropriate empirical treatment of bloodstream infections, highlighting the imperative of precision and rapid diagnostics in improving patient outcomes. Central to the discourse will be the exploration of rapid microbiology in enhancing patient management. The last presentation will unveil advancements in rapid AST systems, underscoring their transformative potential in translating

Chair
E. Cercenado
ESCMID-appointed chair
T.-T. Bachmann

innovative microbiological diagnostics into tangible clinical impact. Emphasis will be placed on the role of these technological innovations in accelerating rapid accurate diagnoses, thereby enabling tailored therapeutic interventions and fighting antimicrobial resistance.

A roundtable discussion will conclude the session with an interactive Q&A session to bridge the knowledge gap between innovative microbiological diagnostics and optimized patient care. Attendees will gain a holistic view of the integral role of fast, precise microbiology in not only combating antimicrobial resistance but also in elevating the standards of patient care globally.

16:00	Welcome and Introduction	E. Cercenado T.-T. Bachmann
16:05	Keynote on societal impact of AMR, with an update since the publication of the O'Neil report	J. O'Neill
16:25	Inappropriate empirical treatments in blood stream Infections: where we stand and how to improve?	R. Humphries
16:45	How clinical decision support systems and dashboards can support antimicrobial stewardship	C. Pulcini
17:05	Panel Discussion and Q&A	E. Cercenado T.-T. Bachmann
17:05	Panel Discussion and Q&A	E. Cercenado T.-T. Bachmann

16:00 - 17:30 Hall N

Long COVID: identifying and protecting those most at risk

The disease entity of Long Covid remains a significant clinical and economic burden to society. Its signs and symptoms keep changing over time, just like the scientific insights into pathophysiology, risk factors and the options for treatment and prevention. In this symposium we will present an update on Long COVID's current epidemiology, pathogenesis and emerging insights into how to identify patients most at risk.

Chair
C. Britt
ESCMID-appointed chair
B. Megarbane

16:00	Welcome and Introduction	C. Britt B. Megarbane
16:10	Risk factors and prognosis of PCC	L. Mateu Prunonosa
16:30	Diagnosis and pathogenesis	P. Openshaw
16:50	Treatment and prevention	
17:10	Panel Discussion and Q&A	C. Britt B. Megarbane

16:00 - 17:30 Hall O

Human and technological evolution: seeding the diagnostics of tomorrow

Over the past two decades, the landscape of microbiology laboratories has undergone an unprecedented transformation.

Various groundbreaking technological advancements – from innovative sample collection devices to automated plate processing and AI-driven image analysis – have accelerated the generation of clinical results while also improving diagnostics precision. Moreover, they mitigated the chronic shortage of specialised and non-specialised personnel.

In this symposium, we will explore the major technologies and scientific developments that empowered microbiology laboratories to face the scarcity of skilled personnel and elevated the sensitivity and standardisation of clinical results, with enormous benefits for the patients and the laboratories over the last two decades.

Moreover, with a glimpse into the future, we will unveil the latest pioneering applications of these technologies, of which outcomes will lead the evolution of clinical microbiology in the decades to come.

ESCMID-appointed chair
L.-M.-V. Peixe

16:00	Welcome and Introduction	M. Wootton L.-M.-V. Peixe
16:05	20 years in microbiology: evolution, challenges, and future	V. Sambri
16:15	How rapid sensitivity test can impact on patient outcomes: exploring different approaches	G. Gatti
16:25	Culture or molecular? The right answer to the right question	J. Schrenzel
16:45	General strengths and limitations of microbiology laboratory automation: a personal journey	J. Snyder
16:55	Design and implementation of full laboratory automation: the Meuhedet experience	G. Prajgrod
17:05	Innovating the flow of urine specimen testing from collection to result	A. Rebbapragada
17:15	Evaluation and implementation of an innovative urine collection and transport device with full laboratory automation in a high-volume reference laboratory setting	K. Shier
17:25	Panel Discussion and Q&A	M. Wootton L.-M.-V. Peixe

16:00 - 17:30 Hall P

How can data prepare us for the rising threat of MBL-producing Enterobacterales or the management of community-acquired pneumonia and complicated skin and soft tissue infections?		Chair A. Soriano ESCMID-appointed chair Y. Carmeli
With antimicrobial resistance continuing to threaten many of the gains of modern medicine, tapping into available data remains essential in combatting this global public health challenge. This session will reflect on the evolving epidemiology of metallo-β-lactamases (MBLs), their anticipated burden on healthcare systems, and the evidence highlighting the urgency of identifying and diagnosing patients at risk of severe infection from MBL-producing pathogens. To further support healthcare professionals, our experts will also review the clinical data and real-world evidence that demonstrate how optimising treatment regimens for Gram-positive bacterial infections has led to a reduction in healthcare resource utilisation. This symposium will foster knowledge-exchange amongst specialists and will assess the value that data and insights add to our arsenal of knowledge in tackling antimicrobial resistance.		
16:00	Welcome and Introduction	Y. Carmeli A. Soriano
16:10	Epidemiological alert: the rise of MBLs	P. Nordmann
16:30	The changing face of carbapenem-resistant Enterobacterales infections: the clinical impact of MBLs	A. Gales
16:50	Priorities and progress in managing Gram-positive bacterial infections	C. Gogos
17:20	Panel Discussion and Q&A	Y. Carmeli A. Soriano
16:00 - 18:00		Meeting Room 8.28/8.29
ESGMYC / NTM-NET Meeting		Meeting participant D.-M. Cirillo L. Guglielmetti M. Jankovic Makek Y. Kherabi C. Ong M. Viveiros
16:15 - 17:15		Arena 1
Viral infections: back to basics!		Chair D. Callon Reserve chair
16:15	Extracellular viral RNA as cell-free biomarkers of latent viral infection and viral reactivation events	C. Chan
16:21	SARS-CoV-2 ORF3c is expressed and suppresses the antiviral immune response	M. Müller
16:27	Non-neurotropic influenza A virus infection triggers differential gene expression in brains of old and young mice	D. Drevets
16:33	The impact of influenza A H3N2 mutations from 1968 to 2023 on the formation of the hybrid species with other subtypes.	T. Sakamoto
16:39	Methylation markers on anal smears are associated with higher anal cancer risk	V.-M. Ferré
16:45	Chandipura virus replication in Vero cells is inhibited by host restriction factors APOBEC3G and IFITM3	D. Mandal
16:51	Cellular and viral HIV-1 reservoir dynamics under suppressive therapy	F. Otte
16:57	Multi-omics landscapes reveals heterogeneity in long COVID patients characterised with enhanced neutrophil activity	K. Lin
17:03	The chemotactic cytokines and their associations with leukocyte influx into central nervous system in tick-borne encephalitis	S.-S. Grygorczuk
16:15 - 17:15		Arena 3
Exploring the social dimensions of antimicrobial resistance		Chair M. Farfan Reserve chair
16:15	Gender mainstreaming the global antimicrobial resistance (AMR) response: an evidence review and key findings	Z. Dobрева
16:21	Gender gap in antibiotic prescriptions	D. Batheja

16:27	Behavioural, demographic, socioeconomic and environmental factors are jointly associated with risk of antibiotic resistant urinary tract infections in Kenya, Tanzania and Uganda	K. Keenan
16:33	Ten years of the English surveillance programme for antimicrobial utilisation and resistance (ESPAUR): a scoping review and feedback from stakeholders	D. Ashiru-Oredope
16:39	Storybug: digital storytelling enriches public engagement with antibiotic resistance	B. Mccall
16:45	Modelling the effects of interventions in Bayesian networks, the case of antibacterial resistance in east Africa	X. Ke
16:51	Deriving “fair levels” of total and AWARe antibiotic use, adjusted for clinical burden at a national-level, to inform future target setting	A. Cook
16:57	Breaking boundaries: citizen science contributions to antimicrobial research	F. Grosso
17:03	Global research priorities for antimicrobial resistance: 33 critical topics for bacterial and fungal infections	C. Centner

16:15 - 17:15 Hall A

The role of trained innate immunity in infections		Chairs J.-S. Friedland A. Verbon
Immune memory is a distinctive feature of the acquired immune system and can lead to an increased responsiveness to future triggers. This phenomenon is referred to as “trained immunity,” which is essentially representing a form of innate immune memory. Over the past decade, research has shed light on the wide-ranging advantages of trained immunity in enhancing host defense mechanisms. Nevertheless, it has also raised concerns about potential adverse consequences in conditions associated with immune-mediated and chronic inflammatory diseases. During his Keynote Lecture, Mihai Netea will discuss the role of trained immunity in infectious diseases, including its mechanisms, the transmission of immune traits across generations via epigenetics, and how some vaccines can enhance immunity to other pathogens.		
16:15		M.-G. Netea

16:15 - 17:15 Hall B

Top papers in tropical medicine and clinical parasitology		Chairs C. Rönnerberg C. Wejse
This session aims to review the most relevant publications in the field of tropical medicine and clinical parasitology in the last 12 months. The speakers will provide a complementary overview which will be of interest to both ID and CM professionals alike, providing the audience with a useful update.		
16:15	Top papers in tropical medicine	M. Montes
16:45	Best papers in clinical parasitology	P. Rupali

16:15 - 17:15 Hall D

Real-world use of new antimicrobials		Chair M. Paul Reserve chair
16:15	Off-label oritavancin treatment outcome and molecular characterisation of a vancomycin and linezolid resistant <i>Enterococcus faecium</i> causing liver abscesses	M. Mazzitelli
16:15	Use of cefiderocol as salvage therapy in an infant receiving ECMO and continuous renal replacement therapy	M. De Luca
16:15	Oritavancin use in patients with recurrent bone infections by MRSA and role of TDM	M. Bongiovanni
16:15	Ceftolozano/tazobactam in MDR <i>Pseudomonas aeruginosa</i> infection: should we treat a child as a small adult?	L. Romani
16:15	Successful treatment with contezolid in a patient with chronic kidney allograft dysfunction and intractable tuberculous peritonitis	P. Zhang

16:15 - 17:15 Hall E

Exploring frontiers: cutting-edge vaccines in development for a healthier tomorrow		Chairs C. Obiero B. Voordouw Reserve chair
16:15	Effect of the 13-valent pneumococcal conjugate vaccine on cardiovascular mortality: a post-hoc analysis of a double-blind randomised placebo-controlled study	A. Niessen
16:27	Efficacy of R21/Matrx-M™; in a phase IIb trial in children is maintained in Burkina Faso over four years	M. Dattoo

16:39	BPZE1, an intranasal live attenuated pertussis vaccine, evaluated in a Bordetella pertussis challenge study in healthy adults: a Phase 2b, randomised, placebo-controlled study	D. Gbesemete
16:51	A combined cross-sectional analysis and case-control study evaluating tick-borne encephalitis vaccination coverage, disease and vaccine effectiveness in children 0-17 in Switzerland, 2005-2022	K. Zens
17:03	Safety and immunogenicity of an investigational yellow fever vaccine in adults	E. Feroldi
16:15 - 17:15		Hall H
The role of local microbiology in a world of high throughput off-site labs		
During the COVID pandemic, we have seen new laboratory organisations entering the market. They are taking over hospital and other medical microbiology laboratories in many countries. The implications for medical microbiology and the control of infectious diseases in the coming years is yet unclear. This Meet-the-Expert will focus on this trend, that needs more reflection and discussion.		
16:15		R. Patel
16:45		P. Jeurissen
16:15 - 17:15		Hall I
Machine learning and generative AI in CM/ID practice		Chairs A. Egli A. Letaief
This 1-hour Symposium aims to critically evaluate the potential benefits and drawbacks of utilising generative AI, such as GPT-4, in CM/ID practice. The scientific interest lies in AI's ability to optimise clinical decision-making, assist medical training, and accelerate medical research. However, limitations in current literature include data privacy, potential biases in AI training data, ethical concerns, and explainability issues. The session will engage experts in the field to discuss the role of generative AI in shaping the future of medicine, while addressing current challenges and areas for further research.		
16:15	Generative AI: applications in CM/ID practice	C.-H. Yoon
16:45	The challenges and limitations of using AI in CM/ID	C. Jutzeler
16:15 - 17:15		Hall J
Microbiome influence on disease susceptibility and infection outcomes		Chairs V. Di Pilato A.-K. Pröbstel Reserve chair
16:15	Multi-omics investigations uncover unique pathogenic markers in clinical Klebsiella pneumoniae that could be leveraged as novel antimicrobial targets	L.-S. Swiatek
16:27	Impact of butyrate-producing gut microbiota on the risk of infectious disease hospitalisation: results from two large population-based cohorts	R. Kullberg
16:39	Long-term levofloxacin therapy stunts diversification of bacterial gut microbiota in infants	K. Nel Van Zyl
16:51	Oral Clostridium butyricum on mice endometritis through uterine microbiome and metabolic alternations	M. Hagihara
17:03	Neisseria lactamica nasal inoculation in pregnancy induces maternal but not infant N. lactamica colonisation and microbiome changes: results of the world's first perinatal human challenge study	A. Theodosiou
16:15 - 17:15		Hall K
New entries among the rare fungi, but are they really so rare?		Chairs A. Colombo E. Borghi Reserve chair
16:15	Integration of transcriptomics, proteomics and metabolomics data to reveal the human pathogenic of Prototheca wickerhamii from One Health perspective	W. Wu
16:27	Mammalian body temperature-induced mutagenesis enables the development of pan-drug resistance and hypervirulence in a new human fungal pathogen	J. Huang
16:39	Outbreak detection in diploid fungal species is hampered by large loss of heterozygosity: showcased by a Wickerhamomyces anomalus outbreak	B. Spruijtenburg
16:51	Description of novel multidrug-resistant yeast species causing candidaemia	B. Spruijtenburg

17:03	Scedosporium and Lomentospora: a 20-year territory-wide epidemiological study	A.-L.-H. Lee
16:15 - 17:15		Meeting Room 8.32 (Hall 8.1 - CC8 upper floor)
Brain Infections Study Group open meeting The official open business meeting for the ESCMID Study Group for Infectious Diseases of the Brain (ESGIB). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		Meeting host J. Bodilsen M. Brouwer M. Klein S.-L. Leib S.-L. Leib E.-C. Wall
16:15 - 17:15		Meeting Room Munich (Hall 8.0)
Implant-associated Infections Study Group open meeting The official open business meeting for the ESCMID Study Group for Implant-associated Infections (ESGIAI). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		Meeting host C. Aboltins J. Esteban E. Giannitsioti B. Hasse M. Wouthuyzen-Bakker
16:15 - 18:15		Hall C
The Alfa and Omega of antimicrobial stewardship: optimising antimicrobial therapy at hospital entry and discharge Entry and discharge the hospital represent two moments of patient-care transition, during which the over prescription of antibiotics is frequently observed. In this session the key recommendations of the ESCMID guidelines antimicrobial stewardship in the ED, obtained after the evidence to decision framework of the GRADE approach will be presented. Moreover, what is currently known about antibiotic overuse at hospital discharge and which antimicrobial stewardship interventions can be done to reduce antibiotic overuse at discharge will also be explored.		Chair B. Beovic Invited chair
16:15	Optimising antimicrobial therapy in the emergency room: the role of rapid diagnostics	C. Papan
16:45	ESCMID guidelines for antimicrobial stewardship at the emergency room	T. Schoffelen
17:15	Careful goodbye at the door: antimicrobial stewardship interventions for antimicrobials on hospital discharge	V. Vaughn
17:45	How to deal with overuse at discharge in a resource limited setting	F. Lieutier-Colas
16:15 - 18:15		Hall F
Sepsis 2024: embracing transformative medicine in the daily practice This session will present cutting edge new data in the fields of sepsis and blood stream infections. After attending the session, participants will be able to identify different ways to improve their current and future management of sepsis. The 2024 ISF and ESGBIES Young Investigator award winners' lecture will encourage the young and new faces in the sepsis field.		Chairs D. Annane T. Calandra
16:15	ISF awardee and ESGBIES Young Investigator	
16:45	Sepsis: year in review	W.-J. Wiersinga
17:15	Evaluation of long-term sepsis sequelae	C. Fleischmann-Struzek
17:45	Precision medicine in sepsis: the time is now!	C. Langenlier
16:15 - 18:30		Moche Room
Martini shot: infection in action		Chairman J. Moran-Gilad

Dive into the thrilling world of infectious diseases at ECCMID 2024 in Barcelona! Join us for a captivating movie session featuring the iconic Outbreak film from 1995. Experience the suspense, drama, and scientific intrigue as we revisit this cinematic masterpiece. But the excitement doesn't stop there! Stay tuned for a riveting discussion with two distinguished experts, Bill Hanage from Boston and Luigia Scudeller from Bologna. Gain insights into the real-world implications of the film's scenarios and explore the latest advancements in infectious disease research.

Moderator
W. Hanage
L. Scudeller

16:15 - 19:00

Meeting Room 8.30

EUCAST SC Meeting - Phage Susceptibility Testing

Meeting participant
C. Giske
G. Kahlmeter
F. Laurent

17:00 - 18:30

Meeting Room
8.38+8.39

Vaccination in SOT ECCMID meeting

17:30 - 18:30

Arena 2

Infectious disease diagnosis: quicker, better, cheaper in limited resource regions

Chair
S.-K. Dlamini
Reserve chair

17:30	Development of a mycetoma point-of-care test for in the tropics	M. Konings
17:36	Pan filarial-nested PCR with gelified tubes: a new approach towards point-of-care testing for human filariasis	R. Capote-Morales
17:42	A novel lateral flow test for diagnosis of Crimean-Congo haemorrhagic fever virus	C. Thompson
17:48	Development of a fast, low-cost, easy to use electrochemical antibiotic susceptibility test: from research project to commercial prototype	D. Corrigan
17:54	The BactInsight system: a simplified blood culture system developed for resource-limited settings, performs well compared to an automated reference system in a simulated test design	B. Barbé
18:00	Improving group B <i>Streptococcus</i> detection among pregnant women in Brazil by using MALDI-TOF MS	T. Pinto
18:06	Clinical utility and utilization of Coccidioides antigen testing in an area of moderate coccidiomycosis prevalence	E. Barletta
18:12	Performance of a smartphone-based Gram staining decipherment artificial intelligence application	K. Yamamoto
18:18	Results of 16S ribosomal RNA PCR in clinical samples of patients: experience of a Chilean university center	M. Ramirez Pedreros

17:30 - 18:30

Arena 4

Frontiers in antimicrobial strategies: repurposed drugs, monoclonals and new peptides

Chair
B. De Winter
Reserve chair

17:30	Albendazole silences quorum sensing and attenuates bacterial virulence in <i>Pseudomonas aeruginosa</i>	J. Chadha
17:36	Monoclonal antibodies against BauA and OmpW2 disrupt growth, prevent sepsis, and promote survival of mice infected with <i>Acinetobacter baumannii</i>	D. Zurawski
17:42	<i>In vitro</i> activity of two novel antibiotics, GDC-5780 and GDC-0829 against a global panel of Gram-negative priority pathogens	G. Dieppois
17:48	New antibiotic class with potent <i>in vivo</i> activity targeting lipopolysaccharide synthesis in Gram-negative bacteria	D. Huseby
17:54	<i>In vitro</i> activity of gofabacin, a new FabI-inhibitor targeting antibiotic-resistant <i>Neisseria gonorrhoeae</i>	D. Cameron
18:00	Deceiving <i>Helicobacter pylori</i> with a cholesterol-based antibiotic-free strategy	A.-S. Pinho
18:06	Novel antimicrobial peptides with high therapeutic index and wide therapeutic window	N. Malanovic
18:12	Repurposing elvitegravir as a novel antibiotic against multidrug-resistant Gram-positive bacteria	N. Martín Vilardell
18:18	Monoclonal antibody cocktail rescues animal subjects succumbing to MRSA induced sepsis	Z. Rivas

17:30 - 18:30		Fireplace area
Fireplace: The role of trained Innate Immunity in infections		Chairs J.-S. Friedland A. Verbon
		M.-G. Netea
17:30 - 18:30		Hall A
Year in Public Health		Chairs H. Harvala T.-G. Krause
The "Year in.." sessions are very well-attended 1-hour Symposia during which two speakers present a common review of the recent literature on the topic. ECCMID 2024 will feature 4 "Year in.." sessions: Infectious Diseases, Clinical Microbiology, Infection Control and Public Health.		
17:30		A. Mailles
18:00		Z.-A. Memish
17:30 - 18:30		Hall B
New developments in antiviral drugs		Chairs R. Chemaly J.-M. Langley Invited chair Reserve chair
17:30	In vitro effect of ribavirin, favipiravir and their synergistic combination on Crimean-Congo hemorrhagic fever virus	M.-A. Kuskucu
17:42	Obeldesivir is efficacious as oral postexposure prophylaxis for Sudan ebolavirus infection in nonhuman primates	V.-C. Chu
17:54	Leveraging the use of FDA-approved Src-kinase inhibitor in suppressing dengue virus-induced vascular permeability	S. Rajkumar Mishra
18:06	Preliminary evaluation of nirsevimab's effectiveness in preventing severe paediatric respiratory syncytial virus infections during the early 2023/24 season in Luxembourg	J. Mossong
18:18	Bulevirtide in combination with pegylated interferon alfa-2a in chronic hepatitis delta: undetectable HDV RNA results from MYR204 a phase 2b study	T. Asselah
17:30 - 18:30		Hall D
Digital solutions for surveillance		Chairs S. Brisse M.-J. Struelens Reserve chair
17:30	Multicentre validation of a machine learning-based antibiotic prescribing support software	J. Fernández
17:42	Deriving a novel method to calculate AMU for policy interventions for antibiotics without a WHO DDD	M. Thorn
17:54	Using routine surveillance data to inform spatial risk mapping for an effective public health response to antimicrobial resistance	T. Wozniak
18:06	Towards a global health data space: how to foster a connected ecosystem of health data ecosystems	L. Maxwell
18:18	The integrated genomic surveillance system of Andalusia a One Health regional resource connected with the clinic	C.-S. Casimiro-Soriguer
17:30 - 18:30		Hall E
Using antimicrobial susceptibility testing of nontuberculous mycobacteria to improve clinical practice		
For decades, it has been claimed that antimicrobial susceptibility testing (AST) for nontuberculous mycobacteria (NTM) is of limited use due to a poor correlation between minimum inhibitory concentrations (MICs) and clinical outcome. However, this is more likely reflecting the poor clinical		

efficacy of some of the recommended drugs combined with insufficient data on MIC distributions, PK/PD and clinical outcome data. This session aims to discuss the already established role of AST in therapy guidance for some antibiotics (i.e. macrolides and amikacin) in defined clinical scenarios, but also to explore the clinical implementation and value of the recent work done by EUCAST for anti-mycobacterial drug susceptibility testing for NTM. The focus of the discussion will be on improving the outcomes in these difficult to treat infections.

13:30

J. Van Ingen

14:00

C. Andrejak

17:30 - 18:30

Hall G

Valves and vessels

Chair

M. Kestler Hernandez

Reserve chair

17:30 Successful treatment of complicated infective endocarditis due to *Enterococcus faecium* in a patient with substance use disorder using oritavancin as sequential maintenance therapy

S. Benedetti

17:30 Polymicrobial infective endocarditis in a non-drug user patient: how nucleic acid amplification tests can improve diagnosis

A. Bouabdallah

17:30 Infectious endocarditis due to *Mycobacterium chelonae*: challenges in diagnostic and therapy

S. Ewering

17:30 Non-surgical cure of prosthetic mitral valve endocarditis with abscess due to *Cutibacterium avidum* using extended antibiotic therapy

R. Tribble

17:30 Coexisting *Coxiella burnetii* aortic graft infection and Takayasu's arteritis

H. Torpy

17:30 - 18:30

Hall H

Mycological mysteries

Chair

A. Litvintseva

Reserve chair

17:30 A comprehensive clinical case of pulmonary blastomycosis in immunocompetent patient

M. Rahi

17:30 Slowly progressive cutaneous mucormycosis in immunocompetent male: a diagnostic challenge

A. Mary Varghese

17:30 Disseminated fusarium infection after allogeneic haematopoietic stem cell transplantation

A. Mary Varghese

17:30 Mixed invasive Sino-Orbital Fungal Infection in an Immunocompetent Patient: A Rare Case

S. Zahran

17:30 A case of disseminated histoplasmosis with pericarditis and protracted treatment response

V. Faehling

17:30 - 18:30

Hall I

Convergent hypervirulence and multidrug resistance in *Klebsiella pneumoniae*: the worst nightmare

Chairs

Y. Besli

K. Holt

Klebsiella pneumoniae isolates identified two types of high-risk clonal groups among bacterial populations: hyper-virulent clonal complexes responsible for community-acquired invasive infections and multidrug-resistant responsible for healthcare-associated infections. While hyper-virulent clones are accounted for increased pathogenesis, these clones are not commonly associated with antimicrobial resistance. However, the hyper-virulent clones are reported to have the ability of acquiring genes related to multiple drug resistance as well as switching resistance profiles. Defining the increasing epidemiology and clinical importance of high-risk clones, and their ability to adapt and survive in a hospital environment is critical for management of antibiotic resistance. A session with that topic is make awareness about a potential risk to initiate a proactive action.

17:30 Risk factors and clinical impact of hypervirulent multidrug-resistant *Klebsiella pneumoniae*

Ş. Keske

18:00 When to suspect hypervirulent *Klebsiella pneumoniae*: the role of laboratory diagnostics

A. Endimiani

17:30 - 18:30

Hall J

Health and hygiene in maternal and neonatal units across the world

Chair

W. Zingg

Birth and giving birth are the basic miracles of mankind. Infection of the newborns, particularly when they are very low to extremely low birthweight infants, and of the mothers are devastating. Thus, infection prevention and hygiene have a major impact in neonatal intensive care ward, neonatal wards and

maternity wards. The two perspectives from two representatives from high and low-middle income countries will be presented.		
17:30	Infection prevention and control in neonatal units in low-and-middle-income countries: a paediatrician's perspective	P.-Y. Iroh Tam
18:00	Infection prevention in the neonatal intensive care unit in high income countries: the neonatologist's perspective	A. Berger
17:30 - 18:30		Hall K
Emerging pathogens from the forensic perspective Autopsy data can give insight into infectious causes of death or mechanisms of death that have not been elucidated ante mortem. Several case presentations will show the importance of autopsies and post mortem microbiology to assist in the exploration of unexplained deaths due to emerging viruses or residential moulds. Moreover, this symposium will explore the application of microbiome analyses to forensic, clinical, and other microbiological settings.		Chairs N. Arora A. Fernández-Rodríguez
17:30	Emerging and common human cardiotropic viruses as causes of sudden cardiac death	L. Andreoletti
18:00	Moulds in the home environment: from allergies to sudden deaths in young children	J.-P. Gangneux
17:30 - 18:30		Meeting Room Vienna (Hall 8.0)
Bloodstream Infections Study Group open meeting The official open business meeting for the ESCMID Study Group for Bloodstream Infections, Endocarditis and Sepsis (ESGBIES). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		Meeting host M. Bartoletti L. Escolà-Vergé B. Isler B. Lamy S. Rieg

08:30 - 09:30		Arena 1
The One-health dynamics of antibiotic-resistant Gram-positives		Chair E. Broens Reserve chair
08:30	Exploring MRSA dynamics across human, animal, and environmental interfaces: investigating antimicrobial resistance, genetic diversity, and biofilm dynamics	V. Silva
08:36	Genomic and epidemiological analysis of MRSA in healthy swine for human consumption: unraveling resistance patterns and population dynamics	V. Silva
08:42	MRSA and MSSA ST398 in French companion animals : a One Health concern	M. Haenni
08:48	A dive into diversity and antimicrobial resistance of <i>Enterococcus</i> from rivers used for drinking water production	C. Novais
08:54	Presence and antimicrobial resistance of <i>Staphylococcus</i> spp. in chicken meat	A. Martínez-Laorden
09:00	Prevalence of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) among livestock farmers in rural and semi-urban communities Ashanti region of Ghana	S.-K. Newton
09:06	Comparison of <i>Clostridium difficile</i> isolated from human patients and companion animals in South Korea	S.-M. Kwak
09:12	Prevalence, antimicrobial resistant profile, and genomic characteristics of <i>Clostridium perfringens</i> in pork production chain in Korea	K.-T. Park
09:18	Molecular characterisation of linezolid- and vancomycin-resistant enterococci from healthy chicken in Tunisia	I. Trabelsi
08:30 - 09:30		Arena 3
How microbial sequencing can inform clinical care		Chair J.-W.-A. Rossen Reserve chair
	Long read 16S rRNA gene sequencing evaluated as a routine diagnostic tool improves bacterial taxonomic resolution and reduce costs	S.-L. Larsen
08:30	Rapid culture enrichment and host DNA depletion for same-day sequencing-based detection of bloodstream infections and antimicrobial resistance	M.-S.-I. Sajib
08:36	Evaluation of real-world clinical application of 16S/18S sequencing	B. Patterson
08:42	Target enriched metagenomics in cerebrospinal fluid in patients with a central nervous system infection	S.-E. Olie
08:48	A metagenomics-based diagnostic approach in patients with acute meningitis and encephalitis in Brazil	N. Evangelista Ferreira
08:54	Culture-coupled nanopore metagenomics to detect extended-spectrum cephalosporin-resistant enterobacterales (ESC-R-Ent) in stool	E.-I. Campos-Madueno
09:00	Optimising a nanopore-based metagenomic workflow for low microbial biomass clinical samples	H.-Y. Lao
09:06	Karius test results dilemma: description of non-diagnostic Karius test results from a large academic center in the US	B.-S. Bisono Garcia
09:12	Clinical utility of genotypic drug-resistance test in immunocompromised patients with cytomegalovirus refractory infection	A. Cantiani
08:30 - 09:30		Hall E
Clinical trials: antimicrobial resistant bacteria		Chairs G. De Angelis A. Huttner
	A randomised controlled trial investigating the effect of improving the cleaning and disinfection of shared medical equipment on healthcare-associated infections: the CLEANing and Enhanced disiNfection (CLEEN) study	B. Mitchell
	Investigator-driven randomised controlled trial of cefiderocol versus standard therapy for healthcare associated and hospital acquired Gram-negative bloodstream infection (GAMECHANGER)	D. Paterson
	Effect of <i>in vitro</i> positive-interactions of vancomycin or daptomycin plus an anti-staphylococcal β -lactam for methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) bacteraemia on mortality: pre-planned analysis from CAMERA-2	A.-L.-H. Kwa
	Dalbavancin is non-inferior to standard of care therapy for complicated <i>Staphylococcus aureus</i> bacteremia (SAB)	N. Turner
	The effect of a community-based intervention bundle on household transmission of ESBL-producing <i>E. coli</i> in rural Burkina Faso: preliminary findings from a cluster randomised controlled trial	R. Aizouk

08:30 - 09:30		Meeting Room 8.31 (Hall 8.1 - CC8 upper floor)
Legionella Infections Study Group open meeting The official open business meeting for the ESCMID Study Group for Legionella Infections (ESGLI). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		Meeting host A. Flountzi S. Jarraud D. Lindsay M. Petzold M.-L. Ricci
08:30 - 09:30		Meeting Room 8.45
ESCMID / ISID Meeting		Meeting participant S. Brüderli J.-S. Friedland A. Pirosa A. Zinkernagel
08:30 - 10:00		Hall L
Antimicrobial combination therapies for difficult-to-treat infections: the role of the WHO essential antibiotic IV fosfomycin The aim of the session is to present a critical evaluation of new data for antibiotic combination therapies including the WHO essential drug IV fosfomycin for the treatment of adult and paediatric patients with difficult to treat bacterial infections caused by Gram-positive and Gram-negative pathogens.		Chair B. Grabein ESCMID-appointed chair J. Strahilevitz
08:30	Welcome and Introduction	B. Grabein J. Strahilevitz
08:38	Precision antibiotic combination therapy to improve patient care	S. Wicha
09:00	Rationale for antibiotic combination therapy treatment including IV fosfomycin in the treatment of infections caused by Gram-negative pathogens	A. Oliva
09:23	Rationale of antibiotic combination therapy treatment including IV fosfomycin in the treatment of infections caused by Gram-positive pathogens	S. Hagel
09:45	Panel Discussion and Q&A	B. Grabein J. Strahilevitz
08:30 - 10:00		Hall M
cIAI challenges and new tetracycline-based therapies The session is designed to introduce eravacycline for the first time to infectious disease specialists and microbiologists in Europe. It will cover antibiotic therapy for critically ill ICU patients, along with various approaches and challenges associated with specific pathogens. The microbiologist's perspective will delve into resistance patterns and their implications for therapy. Additionally, the session will feature real-life patient cases illustrating the use of eravacycline in a country where it has already been launched.		ESCMID-appointed chair R. Howe
08:30	Welcome and Introduction	R. Howe
08:35	Antibiotic therapy from the ICU perspective	P. Montravers
08:55	Different treatment approaches and challenges with specific pathogens	C. Tascini
09:15	Resistance patterns and implications for therapy	M.-H. Wilcox
09:35	Experience and patient cases from real life	M.-G. Vossen
09:55	Panel Discussion and Q&A	R. Howe
08:30 - 10:00		Hall P
Aiming at a moving target with the best flu shot! The influenza landscape is dynamic! The aim of this session is to update the audience on the changing		Chair M. Akcay ESCMID-appointed chair

influenza epidemiology globally and its public health consequences, as well as informing the audience about the Protection Beyond Flu concepts: influenza infection has consequences beyond just common flu symptoms. The infection can lead to serious complications such as pneumonia, heart attack, stroke and more. Therefore, vaccines must demonstrate protection against these severe outcomes. But aren't all influenza vaccines the same? This session will also review the different features of influenza vaccines and new ways to assess their clinical benefit.		F. Hayden
08:30	Welcome and Introduction	F. Hayden M. Akcay
08:40	Changing epidemiology of influenza and other respiratory viruses after COVID-19 pandemic and implication for future vaccination strategies	B. Cowling
09:00	The interplay between influenza viruses and <i>Streptococcus pneumoniae</i> : how can influenza end up with bacterial pneumonia and contribute to AMR?	M. Durusu Tanriover
09:20	Evidence synthesis and using the GRADE methodology for assessing the quality of evidence and formulating recommendations	N. Sekercioglu
09:40	Q&A	F. Hayden M. Akcay
09:55	Chairs' Closing Remarks	F. Hayden M. Akcay

08:30 - 10:30		Hall B
AI tools transforming scientific research and communication Artificial intelligence (AI) generative tools, such as the prototype ChatGPT, have been made publicly available in November 2022. They are based on foundational large language models (LLMs) and have seen a very fast course of improvement within a short period of time. These tools offer substantial opportunities but are also leading to novel and potential challenges to the scientific community, society, and ethical foundations thereof. Opportunities like creating and improving texts and sharing knowledge, bring on the other hand the risk at the same time, of accelerating misinformation. This session will look at both the positive and the undesired impact of AI tools on the communication of scientific findings and address ethical and practical aspects.		Chairs J. Marschall A. Odone
08:30	Using generative AI in scientific research: opportunities and risks	
09:00	AI shaping the future of scientific writing and publishing	U. Hofer
09:30	(Mis)information fuelled by AI tools	I. Schwartz
10:00	AI tools: does AI-generated text challenge the core values of research?	D. Resnik

08:30 - 10:30		Hall C
The future of infection treatment and prevention in the immunocompromised Immunocompromised infectious disease is a very dynamic field. Indication for CAR-T cell therapies are increasing, and cytokine release syndrome and neurotoxicity mimic infectious disease, posing a diagnostic challenge. Options for difficult-to-treat infections include cellular therapies: when should they be evaluated? New developments in xenotransplantation have rekindled the interest in xenozoonoses. What can we expect if xenotransplantation becomes reality? And last but not least, the ever-increasing armamentarium of biologicals have very different impact on infections. How can we manage this jungle?		Chairs M.-G. Ison E. Righi
08:30	Biologicals and infection: a heterogeneous risk profile	I. Ruiz-Camps
09:00	Cellular therapies for immunocompromised difficult-to-treat infections	N. Khanna
09:30	CAR-T complications: what does an ID specialist need to know?	C. Gudiol
10:00	Xenotransplantation suddenly a reality: and xeno-zoonoses?	K. Saharia

08:30 - 10:30		Hall D
Measles and polio eradication: where do we stand? This session will provide up-to-date knowledge on measles and poliovirus infection, what to do if you suspect it clinically and recommendations for surveillance. It is very important that these cases are recognised and correctly diagnosed. It will also provide further insights into measles and polio eradication programmes and, for the latter, use and development of novel vaccines to control the spread of vaccine-derived polio outbreaks. The role of environmental surveillance in fast detection of polio will also be discussed and highlighted with recent examples of re-emergence of poliovirus in Europe.		Chairs H. Harvala E. Petersen
08:30	Current epidemiology of measles	P. Oconnor
09:00	Global measles eradication: how and when?	H.-M. Nohynek
09:30	Why is polio still a concern?	T.-K. Fischer
10:00	Vaccine-derived poliovirus outbreaks: new vaccine and enhanced surveillance	C. Burns

08:30 - 10:30		Hall F
Outbreaks in healthcare settings: practical guidance and case scenarios Outbreaks in healthcare settings can be complex and should be approached systematically using advanced laboratory testing and epidemiologic tools. Laboratory testing is an important part of an outbreak evaluation. Healthcare personnel, equipment, supplies, water, ventilation systems, and the hospital environment have been associated with healthcare outbreaks. Settings including the neonatal intensive care unit, endoscopy, oncology, and transplant units are areas that have specific issues which impact the approach to outbreak investigation and control. Multiple organisms, such as viral infections, atypical mycobacteria, <i>Acinetobacter</i>, <i>Pseudomonas</i>, <i>Staphylococcus aureus</i>, and carbapenem-resistant <i>Enterobacteriaceae</i> and fungal species have been associated with outbreaks in healthcare settings. In this session different case scenario of outbreak in healthcare settings will be simulated and analysed.		Chairs A. Barac G. Levy Hara
08:30	Influx of infections: case scenario and simulation exercise	S. Tsiodras
09:00	MDRO outbreak in hospital: case scenario and simulation exercise	B. Beovic
09:30	Managing an outbreak of <i>Candida auris</i>	T. Singhal
10:00	Prevention of endoscopy-related outbreaks	L. Hookey
08:30 - 10:30		Hall H
Management of lower respiratory tract infections Lower respiratory infections (LRTI) are one of the most frequent causes for seeking medical care. Management of LRTI has changed during the last decade. Appropriate diagnostics and treatment depend on the clinical scenario of acute versus chronic infections. New insights on diagnostic indications and tools and an overview of health economic approaches and health technology assessment associated with diagnostics for patient care and preventing antimicrobial resistance will be presented.		Chairs M. Jankovic Makek B. Sinha
08:30	Cutting edge diagnostics in LRTI	K. Dhaliwal
09:00	Colonisation or infection in patient with chronic respiratory diseases	E. Polverino
09:30	Treatment and telemetric monitoring: towards a virtual ward at home	A. Verbon
10:00	Health technology assessment of diagnostic strategies	V.-D.-P. Simon
08:30 - 10:30		Hall I
Bacterial pathogens across One Health: a genomic view The use of genomics is rapidly expanding in clinical microbiology, allowing characterisation of resistance and virulence mechanisms of bacterial pathogens as well as typing for surveillance and outbreak investigation. Genomics may be particularly useful for bacteria implicated in transmission across One Health such as zoonoses and bacteria causing human infections following environmental exposure, especially with respect to host adaptation, genomic epidemiology and control efforts. This session will feature a “genomic view” of four important bacterial pathogens causing infections across One Health in low- and high- resource settings and will discuss how genomics may improve our knowledge and understanding of human infections and their prevention and help us to implement effective infection control practices.		Chairs S. Schwartz S. Sheppard
08:30	Human leptospirosis gneomics	M. Picardeau
09:00	Dissemination of <i>Burkholderia pseudomallei</i> in endemic and non-endemic settings	B. Currie
09:30	The genomic epidemiology of <i>Brucella melitensis</i> in humans and animal husbandries	J. Moran-Gilad
10:00	Invasiveness and resistance of <i>Salmonella</i> in low resource countries	S. Van Puyvelde
08:30 - 10:30		Hall J
Emerging vector-borne and zoonotic viruses diseases		Chairs E. Gkrania-Klotsas D. Williamson Reserve chair
	Epidemiology of <i>Corynebacterium ulcerans</i> infection linked to companion animals in England	E. Emanuel
08:30	Genetic characterisation of autochthonous dengue virus isolates circulating in Lazio region, Italy, August to November 2023	M. Rueca

08:42	Autochthonous dengue cases in Northeastern Spain, 2023: molecular analysis	J. Navero Castillejos
09:06	Tick-borne encephalitis virus strains unveil specific in vitro and ex vivo phenotypes	S. Leoni
09:18	Maternal safety, reactogenicity, and immunogenicity of a 2-dose Ebola vaccine regimen in healthy pregnant women	J. Nyombayire
09:30	Positive immunogenicity and safety profile for a virus-like particle (VLP) based chikungunya virus (CHIKV) vaccine: results from a pivotal Phase 3 trial	H. Gache
09:54	The differential cytokine signatures discriminating severe fever with thrombocytopenia syndrome and haemorrhagic fever with renal syndrome	Z. Liu
10:06	The Usutu reemergent virus enters the differential diagnosis of acute tropical fevers in Colombia and the Americas	S. Mattar
10:18	Prospective clinical metagenomic sequencing reveals novel and high consequence viruses in a community-based cohort presenting with acute febrile illness in Uganda	J. Shepherd

08:30 - 10:30		Hall K
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Advances in sepsis: insights unveiled		Chairs C. Fleischmann-Struzek D. Koulenti Reserve chair
08:30	A proteomic definition of sepsis	L. Mellhammar
08:42	Overlap between national sepsis care pathway and Sepsis-3 in patients admitted via the emergency department	S.-D. Van Der Werff
08:54	Time series deep learning models utilising routine clinical data improve the identification of bacterial bloodstream infections and blood culture result management	V. Vasikasin
09:06	Empiric antibiotic therapy in suspected sepsis: Impact of gentamicin-based regimens on incident renal failure and mortality	M. Jarlsdatter Hovind
09:18	Clinical outcomes of receiving early phenotype-directed antimicrobial therapy among hospitalised patients with Enterobacterales bloodstream infection in the United States	K.-C. Claeys
09:30	Procalcitonin-guidance of early stop of antibiotics and preservation of gut microbiome: analysis of the PROGRESS randomised clinical trial	E. Kyriazopoulou
09:42	Predictors of mortality of streptococcal bacteraemia and the role of infectious diseases consultation: a retrospective cohort study	V. Zimmermann
09:54	Delta immature platelet fraction is associated with mortality in bacteraemia patients	L. Jia Arng
10:06	A multicentre observational study in Northern Italy to evaluate the impact of sepsis bundle in obstetric settings: the SOS study	M. Colaneri
10:18	Breaking the silence: a pioneering study on sepsis aetiology on the ICU in a LMIC reveals the alarming burden of tropical infections	H.-S. Virk

09:00 - 10:30		Meeting Room 8.30
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Approach to suspected antibiotic Allergy ECCMID meeting		
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09:00 - 10:30		Meeting Room Vienna (Hall 8.0)
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General Meeting of the European Committee on Antimicrobial Susceptibility Testing (EUCAST) Open meeting of the European Committee on Antimicrobial Susceptibility Testing (EUCAST) and this meeting is open to all ECCMID 2023 registered persons (except Expo only badge).		Meeting host M.-C. Arendrup E. Cambau P. Damborg C. Giske G. Kahlmeter E. Matuschek M. Wootton
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09:30 - 10:30		Arena 2
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Resistance spread in the community: a myth or reality		Chair B. Trautner Invited chair
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		Reserve chair
09:30	Characterisation of antibiotic resistance in urogenital multidrug-resistant <i>Haemophilus parainfluenzae</i> (2013-2022)	L. Saiz Escobedo
09:36	Multidrug resistance to oral antibiotics among <i>Escherichia coli</i> urine isolates from patients at outpatient departments in Germany and <i>in vitro</i> activity of nitroxoline, Germany, 2010-2023	E. Wohlfarth
09:42	Genomic epidemiology of third-generation cephalosporin resistance in <i>E. coli</i> and <i>K. pneumoniae</i> from urinary tract infections in Bangladesh	A. Pondit
09:48	Frequency of urinary tract infections caused by six key antibiotic resistant pathogens across Europe: a systematic review and meta-analysis	M.-E. De Rui
09:54	Increasing community prevalence of extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> in urine is associated with district-level antibiotic consumption	F. Tuon
10:00	Analysis of resistance to oral standard-of-care antibiotics for urinary tract infections caused by <i>Escherichia coli</i> and <i>Staphylococcus saprophyticus</i> collected in Europe in 2022	S.-R. Arends
10:06	Variable coverage and methodologies of community antimicrobial resistance surveillance across Europe	O. Lemenand
10:12	Visualisation of the distribution of antimicrobial resistant bacteria in the community using geographic information system mapping	C. Guan-Jhou
10:18	<i>Escherichia coli</i> resistance in bacteraemia and urine isolates in community and hospital settings, 2018-2022	L. Ciaccio

09:30 - 10:30	Arena 4
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Quick hits highlighting new BL/BLI combinations		Chair T. Kostyanev Reserve chair
09:30	Rational design of benzobisheterocycle metallo-beta-lactamase inhibitors	A.-J. Vila
09:36	Re-assessment of the primary efficacy outcomes of cefepime/enmetazobactam vs piperacillin/tazobactam in adult patients with complicated urinary tract infections or acute pyelonephritis using updated EUCAST piperacillin/tazobactam susceptibility breakpoints	J.-L. Quevedo Marin
09:42	Aztreonam-avibactam Phase 3 REVISIT study: baseline microbiology and efficacy outcomes by baseline pathogen resistance subgroups	Y. Carmeli
09:48	Efficacy and safety of aztreonam-avibactam for the treatment of serious infections caused by metallo- β lactamase (MBL) producing multidrug resistant Gram-negative bacteria: Phase 3 ASSEMBLE trial	G.-L. Daikos
09:54	Population pharmacokinetic analyses of cefepime and zidebactam based on combined plasma-epithelial lining fluid data from healthy volunteers	A.-E. Muller
10:00	Comparative pharmacodynamics of two β -lactamase inhibitors, tazobactam and clavulanic acid, in combination with the novel monobactam AIC499 against Gram-negative pathogens in experimental thigh and lung infection models	P.-C. Georgiou
10:06	High and similar intrapulmonary penetration of ceftazidime/avibactam and ceftolozane/tazobactam administered by continuous infusion in critically ill patients with nosocomial pneumonia: a randomised pharmacokinetic trial	S. Luque
10:12	Synergy with ceftazidime-avibactam and colistin against KPC-2-producing <i>Klebsiella pneumoniae</i> with porin deficiency in static and dynamic time-kill experiments	L. Allander
10:18	Exogenous glutathione reverses meropenem resistance in carbapenem-resistant <i>Klebsiella pneumoniae</i>	J. Yi

09:30 - 10:30	Hall A
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Year in Infectious Diseases		Chair G.-D. Lopardo
The "Year in.." sessions are very well-attended 1-hour Symposia during which two speakers present a common review of the recent literature on the topic. ECCMID 2024 will feature 4 "Year in.." sessions: Infectious Diseases, Clinical Microbiology, Infection Control and Public Health.		
09:30		O. Sandulescu
10:00		N. Benzonana

09:30 - 10:30	Meeting Room 8.32 (Hall 8.1 - CC8 upper floor)
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Travel and Migration Infection Study Group open meeting		Meeting host F.-B. Farkas
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The official open business meeting for the ESCMID Study Group for Infections in Travellers and Migrants (ESGITM). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

C.-P. Popescu
A. Requena-Méndez
C. Wejse

09:30 - 10:30

Meeting Room 8.45

ESCMID / IDSA Meeting

Meeting participant

S. Brüderli
J.-S. Friedland
A. Piroso
R. Skov
A. Zinkernagel

10:00 - 10:20

Innovation Theater

Development and implementation of a customized rapid syndromic test for severe pneumonia

10:00 Development and implementation of a customized rapid syndromic test for severe pneumonia

A. Conway Morris

10:30 - 10:50

Innovation Theater

Protection for all: innovation in the prophylaxis of infectious diseases

Vaccines have long played a pivotal role in providing protection against infectious diseases. However, as experience from the COVID-19 pandemic has reminded us, vaccines alone are not able to provide population-wide protection. Monoclonal antibodies have proven to be a critical addition to the infectious disease armamentarium, offering an additional means of protection for vulnerable populations and where vaccines are not available. This session will explore this inclusive approach to infectious disease protection and conclude with a short Q&A session.

10:30 Protection for all: innovation in the prophylaxis of infectious diseases

R. Hollingsworth

11:00 - 11:20

Innovation Theater

Bacteromic - future standard in automated AST

11:00 Bacteromic - future standard in automated AST

P. Garstecki

11:00 - 12:00

Arena 1

Hidden, but not sleeping: advances in herpesvirus diagnosis and management

Invited chair

11:00 Viral and human transcriptomic investigation of cerebrospinal fluid specimens from patients with herpes simplex virus and varicella zoster virus infections of the central nervous system

S. Burrel

11:06 Comparison of high-throughput herpes simplex virus 1 and 2 serology testing methods with HSV western blot

K. Crawford

11:12 Multiplex PCR utility for virological diagnosis in aqueous humour

C. Herrera Castañeda

11:18 Comparison of outcomes of clinically significant breakthrough CMV infections while on letermovir prophylaxis or while on pre-emptive strategy in allogeneic haematopoietic cell transplant recipients

M. Daher

11:24 Large-scale implementation of pooled saliva tests for universal screening of congenital cytomegalovirus infection

D. Wolf

11:30 Cytomegalovirus - cell mediated immunity in clinical practise: does it help?

A. Romero Caballero

11:36 Mutations in Zp promoter and BZLF1 gene region of Epstein-Barr virus in infectious mononucleosis

M. Rozman

11:42	Detection of human herpesvirus type 6 DNA in cerebrospinal fluid is rarely clinically significant arguing against its inclusion in syndromic panels	A. Edén
11:48	Risk of herpes zoster and postherpetic neuralgia in patients with depression: a real-world data analysis	P. Marjic
11:00 - 12:00		Arena 3
Omic approaches in community-acquired bacterial infections		Chair A.-R. Freitas Reserve chair
11:00	Genomic epidemiology, toxin diversity and associated mobile genetic elements of the emerging zoonotic pathogen <i>Corynebacterium ulcerans</i>	C. Crestani
11:06	Molecular methods enhance the detection of pyoderma-related <i>Streptococcus pyogenes</i> prevalence and strain diversity	J. Hall
11:12	A genome-wide association study of susceptibility to upper urinary tract infections	H. Flatby
11:18	Recurrent <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> infections: the contribution of genomics to the characterisation of two cases.	Q. Jehanne
11:24	Metagenomic analysis of vaginal microbiome of women with bacterial vaginosis from northern region of India	G.
11:30	Gut microbiota-targeted therapy to treat post-infection irritable bowel syndrome: results from a pilot study	M. Sanguinetti
11:36	Integrating respiratory microbiome and host immune response using machine learning for diagnosis of the lower respiratory tract infections	H. Chen
11:42	Genomic comparative analyses in potentially uropathogenic <i>Escherichia coli</i> (UPEC) from food-producing animals, wildlife, and human urinary tract infections (UTIs)	V. García Menéndez
11:48	Untargeted metabolomics by OrbiSIMS and LC-MS/MS reveals metabolic changes linked to azithromycin in pathogenic and non-pathogenic strains of <i>E. coli</i>	F. Qassadi
11:00 - 12:00		Hall A
Emergence of group A streptococcal diseases: from Strep throat to invasive infections		Chairs A. Norrby-Teglund A. Zinkernagel
While the group A streptococcal cases drastically declined during the COVID-19 pandemic, since the fall of 2022 there has been a notable surge in Group A Streptococcal (GAS) infections on a global scale. Children have been particularly affected. The infections have included both Strep throat infections as well as invasive infections. In this talk, clinical and epidemiologic aspects of the recent outbreak will be covered as well as recent insight into the characteristics of the epidemic strains.		
11:00		S. Sriskandan
11:00 - 12:00		Hall B
Global epidemiology of emerging and re-emerging lineages of antibiotic-resistant Gram-positives		Chairs M. Krutova A. Voss Reserve chair
11:00	Global genetic diversity and Asian clades evolution: a phylogeographic study of <i>Staphylococcus aureus</i> sequence type 5	F. Chen
11:12	Clonal expansion of Tn ₁₅₄₆ -like transposon-carrying vancomycin-resistant <i>Enterococcus faecium</i> , a nationwide study in Taiwan, 2004-2018	Y.-C. Huang
11:24	Distinct genetic lineages driving vancomycin resistant <i>Enterococcus faecium</i> in Scotland	M. Mchugh
11:36	Resistance profile and epidemiology on a French collection of <i>Staphylococcus pettenkoferi</i>	C. Magnan
11:48	Molecular epidemiology of <i>Staphylococcus aureus</i> colonising the nose of patients admitted to European intensive care units	T. Van Der Schalk
11:00 - 12:00		Hall C
Clinical trials: respiratory virus vaccines		Chairs M.-G. Ison A. Kantele
Coadministration of a respiratory syncytial virus vaccine (mRNA-1345) with an influenza or		E. Wilson

mRNA SARS-CoV-2 vaccine in older adults	
Electronic nudges to increase influenza vaccination uptake: a prespecified participant-level pooled analysis of NUDGE-FLU, NUDGE-FLU-2, and NUDGE-FLU-CHRONIC	N.-D. Johansen
Universal prophylaxis with nirsevimab for prevention of infant hospitalisations due to respiratory syncytial virus: a longitudinal study in Galicia, Spain	N. Mallah#(Equal Contribution)
Live-attenuated respiratory syncytial virus (RSV) vaccine for the prevention of RSV disease suggests protective potential in 6- to 18-month-old children	O.-T. Idoko
A randomised trial of two standard dose vs two adjuvanted influenza vaccines in patients with haematological malignancy	V.-G. Hall

11:00 - 12:00	Hall D
When to say yes: selecting organ donors with known infections	
Organ transplantation is the therapy of choice for end-stage organ failure. The degree of risk for transmission of infection carried with grafts, notably of viruses, is largely unknown and, for a specific organ, difficult to assess. Microbiological screening of potential organ donors is improving with the availability of new assays such as nucleic acid testing (NAT) or advanced antibody tests. The two speakers will focus on viral and bacterial infections respectively.	
11:00	A. Woolley
11:30	A. Mularoni

11:00 - 12:00	Hall E
Biofilms and <i>Clostridioides difficile</i> infection recurrence	Chairs F. Can T.-K. Galperine
The physiopathology of <i>Clostridioides difficile</i> infection recurrence still raises many questions and probably underestimates the complexity involved. In this symposium, we will start by exploring the metabolic perspective of the transition of <i>C. difficile</i> to generate biofilm, and we will explore the role of this biofilm in recurrence.	
11:00 Building of biofilm, a metabolic reprogramming	B. Dupuy
11:30 Biofilm and <i>Clostridioides difficile</i> infection recurrences	I.-B. Moura

11:00 - 12:00	Hall F
Carbapenems for treating multidrug-resistant Gram-negative infections: Pro/Con debate	Chairs S. Bergman P. Rupali
Currently, carbapenems are increasingly used for treatment of Gram-negative infections, even with ESBL-producing microorganisms. Often, this would not be necessary if alternatives are available, which would substantially decrease selective pressure and collateral damage on microbiota. On the other hand, using these alternatives is more complex, often expensive, and includes the risk for AMR selection. This pro/con debate will shed light on the question which is the best strategy for sustainable use of available therapeutic options.	
11:00 Pro: carbapenems for patients with resistant micro-organisms	P. Tamma
11:30 Con: preserving carbapenems by using alternative antibiotics	H. Wertheim

11:00 - 12:00	Hall G
Automated surveillance of bloodstream infections	Chairs C.-R. Mackenzie C. Suetens
Although infection surveillance is a valuable tool for improving patient safety and outcomes, it is often paper-based and resource-intensive. Despite the increasing availability of electronic health records, most of surveillance activities still rely on manual patient chart review by infection control staff. The opportunities arising from improved digital infrastructures and methodologies for information extraction have incentivised the development of automated surveillance systems. This session aims to highlight current international efforts on automated surveillance of healthcare-associated infections in Europe. ECDC will present the EU-wide project on supporting harmonised electronic reporting systems for bloodstream infections (BSIs) along with the challenges and opportunities experienced by the participating countries. The second part will focus on the work of the PRAISE network that provides a collaborative network to support hospitals and a surveillance network to align methodologies and share knowledge on automated surveillance for bacteraemia, surgical site infections and other HALs.	
11:00 Multinational electronic surveillance systems for bloodstream infections in EU/EEA	D. Plachouras

11:30	Automated surveillance of healthcare-associated infections	M.-S. Van Mourik
11:00 - 12:00		Hall H
Which randomised controlled trial do we need?		Chairs L. Derde L. Scudeller
To provide essential background and practical information on crucial aspects of clinical trials in clinical microbiology and infectious diseases. The session will highlight research gaps as well as methodological and other challenges.		
11:00	Missing evidence: clinical trials in life-threatening infectious diseases	G. Thwaites
11:30	Clinical trial design and data collection	L. Maxwell
11:00 - 12:00		Hall I
Decoding plasmids in diagnostics and infection control		Chairs S. Arredondo Alonso A. Schürch
Plasmids are bacterial extrachromosomal genomic elements that encode genes that provide advantages to occupy or thrive in certain ecological niches. In vector-borne pathogens they may confer host or vector compatibility whilst in clinical settings they may confer resistance to antibiotics. Plasmid identification, although essential to infer niche adaptation and transmissibility, is complex and may require different typing schemes for different bacterial genera. In this session various typing systems are presented giving the audience an overview on the latest state-of-the-art. Different approaches for analysing the role of mobile genetic elements in the spread of resistance (including sample selection, sequencing modalities and analytics) will be presented.		
11:00	Bacterial plasmid typing: state of the art	A. Carattoli
11:30	Making sense of plasmid-borne transmission of AMR	T.-M. Coque
11:00 - 12:00		Hall J
Addressing concealed challenges in malaria: are secrets unveiled?		Chairs A. Färnert P. Schlagenhauf
11:00	Burden of asymptomatic malaria in India: a systematic review and meta-analysis	P. Kotthapalli
11:12	Risk of clinical malaria associated with end of dry season <i>Plasmodium falciparum</i> asymptomatic infection status of SMC eligible children in Koulikoro, Mali	D. Sanogo
11:24	Genetic diversity of introduced <i>Plasmodium vivax</i> malaria isolates in Greece, 2015-2019	I. Spiliopoulou
11:36	Widespread <i>pfrp2/3</i> deletions and HRP2-based false-negative results in southern Ethiopia	B. Mekonen
11:48	The Italian Network for Severe Malaria Treatment (NOMAL): epidemiology, clinical presentation, management and outcome in a non-endemic setting	T. Ascoli Bartoli
11:00 - 12:00		Hall K
Detection and control of rare fungal outbreaks		Chairs A. Chowdhary A. Colombo
An increasingly reported cause of fungal outbreaks is the emergence of novel resistant pathogens within hospital environments, clearly exemplified by the unprecedented emergence of <i>Candida auris</i> , as well as increasing incidence of previously rare resistant species such as <i>Candida krusei</i> , <i>Malassezia</i> spp, <i>Candida blanki</i> and <i>Diutina rugosa</i> . The detection and control of fungal outbreaks is complex. The symposium will discuss recent outbreaks due to rare yeasts and mould and measures to prevent the spread of these agents.		
11:00	Rare yeast outbreaks and prevention strategies	S. Schelenz
11:30	Rare mould outbreaks and control strategies in healthcare and community settings	T. Chiller
11:00 - 12:00		Hall L
Antimicrobial stewardship in community and emergency care		Chair J. Schouten Invited chairs

		Reserve chair
11:00	Audit and feedback interventions for antibiotic prescribing in primary care: a systematic review and meta-analysis	K. Schwartz
11:12	Evaluating antibiotic prescribing feedback strategies for primary care physicians: a randomised controlled trial	K. Schwartz
11:24	Debunking the myths around penicillin allergies: specialists raising awareness through a media campaign	M. Gilchrist
11:36	Antibiotic prescribing appropriateness in the emergency department: impact on bacteraemic patients	M. Bertoldi
11:48	Follow-up of urine culture results in patients with urinary tract infections discharged from the emergency department: necessary or not? A mixed methods study	R. Tuinte

11:00 - 12:00		Hall M
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Neuroimmune-modulation in infections: from pathogenic mechanisms to novel adjunct therapies		Chair J. De Waele Invited chair
Inflammation, the physiological response to infection and injury, is coordinated by the immune and nervous systems. This session will focus on the intricate relationship between pain, neuroimmune interactions, inflammation and microbes in the context of severe infections. The talks will describe how pathogenic bacteria can exploit this neuroimmune axis to promote invasion and virulence, and how targeting the neuroimmune axis has potential to provide novel treatment strategies for severe infections, such as sepsis and meningitis.		
11:00	Nociceptors as controllers of immune responses	P. Hanc
11:30	Understanding inflammation through neuroscience	P.-S. Olofsson

11:00 - 12:00		Hall N
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Guidance for influenza treatment		
This Meet-the-Expert will allow the wider scientific and medical community to familiarise themselves with the progress so far and results achieved to date by the drafting group of the ESCMID Guidelines for influenza management and treatment. The audience will get informed about the GRADE development process and methodology, including: ESCMID guideline panel selection process and composition, selection of PICO Questions, Outcomes grading and selection, evidence gathering and literature review, grading of evidence. The drafted guidance developed to date will be discussed openly and interactively with particular focus on its potential implications for medical best practices.		
11:00		B. Rath
11:30		G. De Angelis

11:00 - 12:00		Hall O
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Use of AI in antibiotic discovery and treatment adaptation		Chairs A. Egli S. Marchand
As antibiotic resistance continues to grow, creative approaches to antibiotic discovery are needed to accelerate the development of new drugs and better tailor treatments. The objective of this session will be to present two uses of artificial intelligence 1) one in the development of new antibiotic molecules 2) and the other in therapeutic and drug monitoring in addition to or complementary to traditional PKPD approaches.		
11:00	Antibiotic discovery with machine learning	J. Stokes
11:30	A machine learning approach coupled with population PK for optimisation of anti-infectious treatments	J.-B. Woillard

11:00 - 12:00		Hall P
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Mycobacterial infections: always so complicated		Chair I. Schwartz Reserve chair
11:00	Severe pulmonary TB: is extracorporeal membrane oxygen a valid rescue therapy?	F. Puci
11:00	Unusual case of acute respiratory failure caused by bilateral massive pleural effusion from tuberculous pleuritis and suspected pericarditis: diagnosed utilising pleuroscopy, PCR for <i>Mycobacterium</i> , and <i>Mycobacterium</i> culture of pleural biopsy specimen	N. Hiranburana

11:00	Two for the price of one: a case report on miliary and meningeal tuberculosis treated with adjunctive moxifloxacin	G. Sangaletti
11:00	Mycobacterium avium meningitis in non-HIV patient	T.-V. Nguyen
11:00	Mycoses fungoides arising in a patient with longstanding untreated leprosy	S. Ruiz
11:00 - 12:00		Meeting Room 8.31 (Hall 8.1 - CC8 upper floor)
Epidemiological Markers Study Group open meeting The official open business meeting for the ESCMID Study Group for Epidemiological Markers (ESGEM). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		Meeting host S. Brisse N. Couto B.-P. Howden A. Novais S. Reuter
11:00 - 12:00		Meeting Room Vienna (Hall 8.0)
Antimicrobial Resistance Surveillance Study Group open meeting The official open business meeting for the ESCMID Study Group for Antimicrobial Resistance Surveillance (ESGARS). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		Meeting host Y. Besli T. Naas A. Oliver L. Poirel S. Pournaras
11:30 - 11:50		Innovation Theater
TBC		
11:30	TBC	
11:59 - 13:30		Poster Area
Poster Session : Categories 3, 6 and 7		
12:00 - 12:20		Innovation Theater
VirClia Monotest: new paradigm for <i>Helicobacter pylori</i> stool antigen testing		
12:00	VirClia Monotest: new paradigm for <i>Helicobacter pylori</i> stool antigen testing	J. Ortiz
12:00 - 13:30		Poster Area
3a. Resistance surveillance & epidemiology: MRSA, VRE & other Gram-positives		
	Resistome diversity in coagulase-negative staphylococci from nostrils of healthy humans in La Rioja (Spain): genomic analysis of MDR-S. epidermidis and S. haemolyticus strains	I.-N. Abdullahi
	Unveiling the potency of combined fosfomycin and meropenem against methicillin-resistant Staphylococcus aureus (MRSA) using the hollow-fiber infection model	T. Yamaguchi
	Molecular characterisation of vanA genotype-VanB phenotype vancomycin-resistant Enterococcus faecium isolates from Taiwan	T.-C. Hung

	Disease pattern, serotype distribution and risk factors of antimicrobial resistance in patients with pneumococcal infection in Hong Kong – a population-based study	S.-L.-C. Chui
	Characteristics of Staphylococcus aureus sterilisation with various aminoglycoside antibiotics used by the continuous local antibiotic perfusion (CLAP) therapy	T. Sato
	Shedding light on the population structure of vancomycin-susceptible and -resistant Enterococcus faecium (VSE/VRE) from German hospital patients, 2010-2019	J. Bender
	Emergence of multidrug-resistant penicillin non-susceptible Streptococcus agalactiae via community and nosocomial transmission in Korea	B. Park
	Changes in Staphylococcus aureus antimicrobial susceptibility during the COVID-19 pandemic	T. Takano
	Insights into S. pneumoniae serotypes dynamics and antimicrobial resistance in Argentine adults: 2018-2022 perspective	J. Zintgraff
	Dynamic trends in serotypes and antimicrobial resistance of S. pneumoniae in Argentine paediatrics: insights from 2018 to 2022	J. Zintgraff
	Whole-genome sequencing analysis of Listeria monocytogenes case clusters in maternity hospital, Kuwait	O. Moghnia
	Serotype distribution and antimicrobial resistance of Streptococcus pneumoniae clinical isolates in Greek adults between 2017 and 2022	D. Stafylaki
	Population structure of Czech vancomycin-resistant and susceptible enterococci, a multicentric surveillance study, 2022	M. Brajerová
	Emergence of linezolid resistance in Staphylococcus epidermidis in Occitania (France): a growing concern in healthcare settings	M. Bernier
	Antibiotic resistance and clonal composition of methicillin-susceptible Staphylococcus aureus in Kuwait hospitals	E.-E. Udo
	Resistome and phylogenetic characterization of Streptococcus pyogenes clinical isolates from adult patients in Riga East University Hospital	G. Skenders
	Streptococcus pyogenes infections, clinical presentation and trends in resistance across the COVID-19 pandemic?	J. Canela Gomà
	MRSA from bloodstream and skin and soft tissue infections in Polish hospitals, 2022	M. Orczykowska-Kotyna
	Molecular epidemiology of methicillin resistant Staphylococcus aureus: emerging trends from the United Arab Emirates	S.-N. Boucherabine
	Streptococcus pneumoniae surveillance in the United Arab Emirates: a comparative analysis of trends before and during the COVID-19 pandemic	A. Senok
	Incidence of Staphylococcus argenteus and methicillin-resistant S. argenteus based on the Dutch national surveillance system of antimicrobial resistance (ISIS-AR)	F. Velthuis
	Unveiling the status of antiseptic resistance in Staphylococcus aureus from South America	J.-E. Vielma Vallenilla
	In vitro effectiveness of ceftobiprole alone and in combination on methicillin-resistant Staphylococcus aureus isolates isolated from clinical samples	L. Oksuz
	In vitro efficacy of ceftaroline alone and in combinations against methicillin-resistant Staphylococcus aureus isolates	L. Oksuz
	Surveillance of vancomycin-resistant enterococci in Denmark between 2015 and 2022 reveals a shift in dominating resistance genes and core genome clusters from vanA Enterococcus faecium to vanB E. faecium clusters	K. Thystrup Karstensen
	Trends in the prevalence of virulence and antimicrobial resistant genes among USA300 MRSA from 2004-2020 in Chicago, IL	T. Adediran
	Dynamics of antibiotic resistance in Staphylococcus aureus during persistent airway infection in people with cystic fibrosis	B.-C. Kahl
	Emergence of optrA/cfr(D)-positive Enterococcus spp. resistant to linezolid and vancomycin in tertiary hospital	V. Pleshkov
	Prevalence of methicillin-resistant Staphylococcus aureus and methicillin-resistant coagulase-negative staphylococci in nasal cavity of healthy individuals in Japan	S. Ando
	Prevalence and time of infection with vancomycin-resistant or -susceptible Enterococcus faecium following a rectal swab positive for vancomycin-resistant E. faecium	J. Nilsson Gram
	Study on Streptococcus pyogenes strains isolated from university hospital in Sofia, Bulgaria during pharyngitis/scarlet fever outbreak 2023	G. Todorov
	Eravacycline susceptibility against Gram-positive pathogens, collected in Europe during 2022	N. Kothari
	Antimicrobial susceptibilities of toxin producing Corynebacterium diphtheriae and Corynebacterium ulcerans in Belgium	Z. Janssen
	Increasing trend of community-associated methicillin-resistant Staphylococcus aureus infections among patients of a tertiary care hospital	J. Tkadlec
	The increased occurrence and virulence of Streptococcus pyogenes in the Czech Republic: genomic futures of epidemic lineages	M. Štefan
	S. epidermidis from blood cultures of newborn infants in Sweden: a four-decade genome-based retrospective study	M.-A. Nielsen
	The true burden of group A streptococcus in South East Ireland	M. Collison
	Split k-mer analysis of the vancomycin-resistant Enterococcus faecium CT71 endemic clone from Germany	K. Xanthopoulou

Increasing macrolide resistance among pharyngeal <i>Streptococcus pyogenes</i> in a Portuguese hospital due to <i>emm</i> -2-ST55 lineage carrying <i>mef</i> (A)- <i>msr</i> (D)	A. Friães
Antibiotics' synergistic activity in a <i>Granulicatella adiacens</i> strain: could double beta-lactam be an option for treatment?	F. Prativiera
Antimicrobial selective pressure and the expression of oxacillin resistance in <i>Staphylococcus aureus</i>	H. Cardoso Corrêa Póvoa
Antimicrobial resistant <i>Corynebacterium diphtheriae</i> : what, when, where, how and why?	S. Brisse
Genomic epidemiology of vancomycin-resistant <i>Enterococcus faecium</i> in Stockholm, Sweden 2018-2022	H. Fang
Beyond Antimicrobial Resistance: Competitive interactions and bacteriocin diversity in <i>Enterococcus faecium</i> and <i>E. lactis</i>	A. Almeida Santos
Population snapshot of vancomycin-resistant enterococci in central Europe.	W. Schneider
Impact of conjugate vaccines in penicillin and cefotaxime resistance of <i>Streptococcus pneumoniae</i> causing meningitis in Gipuzkoa, Spain, 1993-2023.	A. Manzanal Perez
Vancomycin-variable <i>Enterococcus faecium</i> (VVE) in human clinical and commensal samples: a challenge in antibiotic stewardship	A. Almeida Santos
Macrolide-resistant <i>Mycoplasma pneumoniae</i> in paediatric population in a low income setting - an emerging threat	S. Venkatesan
<i>Streptococcus pneumoniae</i> antibiotic susceptibility among isolates from hospitalised adults with invasive pneumococcal disease in Portugal - the SPHERE study	F. Froes
Antimicrobial resistance and multiple resistance in <i>Listeria monocytogenes</i> human strains isolated from invasive listeriosis cases	M. Gori
Post-pandemic acquisition of <i>vanA</i> gene cluster into <i>vanB</i> harbouring vancomycin-resistant <i>Enterococcus faecium</i> isolates from invasive infections in Chile	J.-R.-W. Martinez
South american CC398: primary clone associated with erythromycin and clindamycin resistance in MSSA bacteremia, featuring the genetic element carrying <i>ermT</i>	J.-E. Vielma Vallenilla
Nasal carriage of (<i>mecA</i> -carrying) <i>Staphylococcus aureus</i> among health sciences students: intermittent colonisation and lifestyle factors	A.-R. Freitas
Emergence of invasive isolates of vancomycin- and penicillin-resistant <i>Enterococcus faecalis</i> exhibiting unusually high MICs to β -lactam antibiotics in Chile	L. Diaz
Correlation between resistance pheno- and genotypes of <i>Enterococcus</i> spp. collected in a tertiary hospital in Denmark	K.-L. Nielsen
Risk factors of vancomycin reduced susceptibility in clinical <i>Clostridioides difficile</i> isolates	T. Eubank
Prevalence of <i>Streptococcus pneumoniae</i> resistance to antibiotics in Brazilian patients with bacteremic pneumococcal pneumonia in Rio de Janeiro	P.-V. Damasco
Molecular nature of <i>Staphylococcus aureus</i> causing infections in hospitals in Lagos, Nigeria	A. Olalekan
Genomic characterisation of linezolid-resistant <i>Enterococcus faecalis</i> isolated in Western Australia, 2016-2021	S. Mowlaboccus
Antimicrobial resistance genomics of <i>Enterococcus faecium</i> causing bloodstream infections across Australia in 2022	S. Mowlaboccus
Linezolid-resistant <i>Enterococcus</i> clinical isolates from Pakistan: a genomic analysis	M. Zeeshan
Genomic surveillance of invasive <i>Staphylococcus</i> isolates in Germany, 2021-2023	F. Layer-Nicolaou
AMR trends in <i>Streptococcus pyogenes</i> in the Netherlands	R.-E. Zoetigheid
Proportion of vancomycin MIC other than 1 mg/L in MRSA and its potential implication in therapeutic drug monitoring	B.-J. Kim
Correlation of GAS <i>emm</i> -types and invasiveness: a retrospective cohort study, Germany, 2023	J. Steinmann
Virulome of vancomycin-resistant enterococci in bloodstream infection and carriage	C.-W. Böing
Assessing the molecular bases of fusidic acid resistance <i>Staphylococcus aureus</i> methicillin susceptible clinical strains	E. Nicitra
Performance of chromogenic selective agar for identifying linezolid resistant enterococci and staphylococci using a genetically defined set of challenge isolates	S. Buur Bendixen
Linezolid-resistant <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> from Polish hospitals: diversity of resistance determinants and clonal types	D. Żabicka
Antibiotic resistance and epidemiological evolution of <i>Streptococcus pneumoniae</i> in 2020-2022 at Hospital Universitari de Bellvitge, Barcelona	R. España Bonilla
Linezolid-resistant <i>Enterococcus faecium</i> bloodstream isolates from Germany: molecular epidemiology and resistance mechanisms	D. Tobys
<i>VanB</i> <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> isolated from blood in 2022 in Poland	M. Grzegorzczuk
Frequency of MRSA-CC398 among tetracycline resistant MRSA isolates. A multicentre study in 2023	A. Campaña-Burguet
Detection of MRSA and MSSA CC398 isolates in osteoarticular infections in a multicenter study, Spain.	P. Eguizábal
Livestock-associated methicillin-resistant <i>S. aureus</i> causing bacteremia in a region with high pig-farming-density	S. Mormeneo

Temporal trends of Enterococcal and vancomycin-resistant <i>E. faecium</i> Bloodstream infections in the Northern Dutch-German cross-border region: a ten-year multi-centre analysis (2013-2022)	C. Cimen Van Dijk
Increasing macrolide and lincosamide resistance among <i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> invasive isolates (Portugal, 2019-2022)	M.-D. Pinho
An increase of the emerging methicillin-resistant <i>Staphylococcus aureus</i> t4549 lineage in Denmark: an investigation of demographics and risk factors	J. Young
Evaluation of oritavancin susceptibility in vancomycin-resistant <i>Enterococcus faecium</i> isolates	N. Mastroianni
A multicentre study: penicillin is still susceptible, macrolide resistance and biofilm production is low in <i>Streptococcus pyogenes</i> isolates	Ö. Eser
Detection of poxA- and optrA-positive enterococci and lactobacilli from rectal swabs from hospitalized patients in Tuscany, Italy	N. Giovacchini
Increase in methicillin-resistant <i>Staphylococcus</i> spp. colonisation among pregnant women in Brazil, during the COVID-19 pandemic	T. Pinto
Genomic insights into community-associated methicillin resistant <i>Staphylococcus aureus</i> : an Egyptian perspective	N.-A. Saif
Increase of invasive group A streptococcal (GAS) disease in adult patients in Barcelona 2018-2023	D. Berbel Palau
Unveiling pediatric challenges: Serotype dynamics, sequence types and multidrug resistance of <i>Streptococcus pneumoniae</i> isolates – insights from a comprehensive Indian study???	G. Harshitha
Decoding diversity of <i>Streptococcus pneumoniae</i> isolated from Indian adults: genomic insights into lineages, population dynamics, and resistance patterns	V. Shamanna
Epidemiology of bacterial resistance at the Grand Magal of Touba in Senegal.	O. Ihssane
Correlation between the incidence of invasive <i>Streptococcus pyogenes</i> and influenza virus infection in the paediatric age: a retrospective population-based study in Catalonia	V. Rello

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12:00 - 13:30	Poster Area
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3b. Resistance surveillance & epidemiology: Gram-negatives	
<i>In vitro</i> and <i>in vivo</i> activity of cefiderocol against <i>Elizabethkingia</i> spp. and its resistance mechanisms	S.-C. Kuo
<i>In vitro</i> activity of cefiderocol against clinical Gram-negative bacteria in Taiwan	S.-C. Kuo
A retrospective single centre study to access risk factors for colistin-resistant <i>Acinetobacter baumannii</i> (CoR-AB) infection among patients in tertiary care hospital in Thailand	S. Watcharasuwanseree
The molecular epidemiology and characterisation carbapenem-resistant <i>Klebsiella pneumoniae</i> among hospitalised patients in Cape Town, South Africa	C. Moodley
Elucidating the underlying genetic mechanism of amoxicillin-clavulanate resistance in <i>Escherichia coli</i> isolated from a highly anthropogenic urban river	N. Somendro Singh
<i>In vitro</i> activity of ceftazidime-avibactam against ceftazidime-non-susceptible Gram-negative pathogens recovered from hospitalised patients from Germany, Austria and Switzerland, 2019-2020	E. Wohlfarth
Diversity of carbapenemase gene localised across different plasmid incompatibility groups among Gram-negative clinical bacteria and antibiotic combinations to combat them	S.-S. Patel
Multidrug-resistant invasive nontypeable <i>Haemophilus influenzae</i> in Taiwan: molecular epidemiology, antimicrobial resistance mechanisms	T.-W. Wan
Distribution of β -lactamase genes among multidrug-resistant and extended-spectrum β -lactamase-producing diarrheagenic <i>Escherichia coli</i> from under-five children in Ethiopia	T. Zelelie
Superinfection with carbapenemase-producing organisms in a patient who received treatment in Indonesia	S. Nishida
Frequency of carbapenem resistant <i>Providencia stuartii</i> isolation from clinical samples in relation to colistin consumption in the ICU of a tertiary hospital before and during the pandemic (2019-2022)	C. Zarras
Clonal diversity and antimicrobial resistance of <i>Escherichia coli</i> from a tertiary care hospital in Nepal	S. Thapa
Longitudinal analysis of <i>in vitro</i> activities of aztreonam-avibactam and comparator agents against metallo- β -lactamase-producing Enterobacterales: ATLAS global surveillance program, 2018-2022	M. Estabrook
<i>In vitro</i> activity of aztreonam-avibactam and comparator agents against clinical Enterobacterales isolates collected worldwide, stratified by global region as a part of ATLAS global surveillance program, 2018-2022	M. Estabrook
<i>In vitro</i> activity of aztreonam-avibactam and comparator agents against Enterobacterales isolates collected from patients in ICU compared to other wards, ATLAS global surveillance program, 2018-2022	M. Estabrook
<i>In vitro</i> activity of aztreonam-avibactam and comparator agents against carbapenemase-producing Enterobacterales collected as part of the ATLAS surveillance program: 2018-2022	M. Wise

	Longitudinal analysis of the <i>in vitro</i> activity of aztreonam-avibactam and comparator agents against Enterobacterales collected globally for the ATLAS surveillance program, 2018-2022	M. Estabrook
	Activity of the novel combination therapies aztreonam/nacubactam and cefepime/nacubactam against 3,694 clinical isolates of Enterobacterales collected worldwide during 2022	S. Hawser
	Characteristics of <i>E. coli</i> and <i>K. pneumoniae</i> infections in international travellers: a GeoSentinel analysis	G. Stroffolini
	Antimicrobial activity of aztreonam-avibactam and comparator agents against a large collection of <i>Stenotrophomonas maltophilia</i> isolates collected in Europe, Asia and Latin America (2018-2023)	H. Sader
	Clonal diversity and mechanisms of antimicrobial resistance in clinical <i>Pseudomonas aeruginosa</i> strains from northern-western Nigeria	Y. Usman
	Characteristics of patients with carbapenem-resistant Enterobacterales infections demonstrating heteroresistance to novel antibiotic combinations	C. Lin
	Activity of cefiderocol and comparator agents against Difficult-to-Treat Resistant (DTR) <i>Pseudomonas aeruginosa</i> collected during 2020-2022 as part of the SENTRY antimicrobial surveillance program	B. Dejonge
	Activity of cefiderocol and comparator agents against difficult-to-treat resistant (DTR) <i>Acinetobacter baumannii-calcoaceticus</i> species complex isolates collected during 2020-2022 as part of the SENTRY antimicrobial surveillance programme	B. Dejonge
	Results of nationwide enhanced surveillance on antimicrobial resistance (AMR) in Ukraine: data for July–September of 2023	A. Vodianyuk
	High prevalence of faecal carriage of extended-spectrum beta-lactamase-producing Enterobacterales among patients with urinary tract infections in rural Tanzania: preliminary findings	M. Macha
	<i>In vitro</i> activity of aztreonam-avibactam (ATM-AVI) and comparators against Enterobacterales collected worldwide stratified by infection source: ATLAS global surveillance program, 2018-2022	M. Wise
	<i>In vitro</i> activity of ceftazidime-avibactam and comparator agents against KPC-producing Enterobacterales collected globally as a part of the ATLAS global surveillance program from 2018-2022	M. Estabrook
	<i>In vitro</i> activity of ceftaroline and comparator agents against bacterial pathogens frequently isolated from patients with respiratory tract, skin and soft tissue, and bloodstream infections collected during the ATLAS global surveillance program in 2018-2022	M. Hackel
	<i>In vitro</i> activity of cefiderocol in bloodstream infection isolates from North American and European hospitals: SENTRY 2020-2022	S. Nguyen
	Occurrence and molecular characterisation of ceftazidime-avibactam resistant <i>Pseudomonas aeruginosa</i> in a hospital in Lisbon, Portugal	S. Freire
	Genomics of a surge in VIM-carbapenemase-producing Enterobacterales in a London hospital network	E. Jauneikaite
	Surveillance of cefiderocol activity against carbapenem-resistant Gram-negative clinical isolates in a tertiary care hospital	S. Basireddy
	Genomic study of high-risk clones of <i>Enterobacter hormaechei</i> collected from tertiary hospitals in United Arab Emirates	A.-A. Ghazawi
	Activity of a combination of ceftolozane and tazobactam <i>in vitro</i> against ESBL-producing Enterobacterales in China: SMART 2016 – 2019	Q. Yang
	Epidemiology and clinical characteristics of patients with carbapenem-resistant enterobacterales infections: experience from a large tertiary care centre in a developing country	B. Aiesh
	The activity of cefiderocol and comparator agents against uncommon Gram-negative isolates collected during 2020-2022 as part of the SENTRY antimicrobial surveillance programme	C. Longshaw
	Spontaneous frequency of resistance to meropenem/ANT3310 in carbapenem-resistant Enterobacterales and <i>Acinetobacter baumannii</i>	A. Llanos
	Epidemiologic and trend changes in antimicrobial resistance in <i>Pseudomonas aeruginosa</i> : a regional five-year time-lapse study	L. Henríquez Mederos
	Molecular features of carbapenem-producing <i>Enterobacteriaceae</i> strains: a regional multicenter genomic surveillance study	L. Henríquez Mederos
	<i>In vitro</i> activity of aztreonam-avibactam against MBL-producing Enterobacterales isolates across Germany	E. Wohlfarth
	<i>E. coli</i> -ST131-blaCTX-M-15 and <i>K. pneumoniae</i> -ST1- blaNDM-1 strains in Tunisia: a report of genetic surveillance of Enterobacteriaceae from diabetic foot infections	K. Naouel
	Carbapenem and colistin resistant <i>Acinetobacter</i> spp. cultured from hospital sanitary ware	S. Carter
	Epidemiology of <i>Citrobacter</i> infections among hospitalised patients: a systematic review and meta-analysis	P. Fonton
	Gut <i>Escherichia coli</i> of healthy humans and animals are reservoirs of critical antimicrobial resistance genes: a meta-analysis	I. Trabelsi
	Heteroresistance to piperacillin-tazobactam in <i>Klebsiella pneumoniae</i> is mediated by amplification of multiple beta-lactamase genes	A. Babiker
	Genomic features of carbapenem-resistant <i>Klebsiella pneumoniae</i> isolated in French Polynesia and novel transposon responsible for <i>bla</i> NDM-1 dissemination	H.-N.-T. Vo
	Culture positivity and antimicrobial susceptibility profile of <i>Helicobacter pylori</i> isolates from 2009-2023 in Vancouver, Canada.	H. Hamze

	Epidemiology of carbapenemases in carbapenemase producing <i>Klebsiella</i> spp., and <i>Pseudomonas</i> spp. strains isolated from a tertiary hospital in Athens, Greece during 2020-2022	E. Voudanta
	The impact of peri-COVID-19 antibiotic prescribing on downstream antimicrobial resistance: a population-based cohort study ?	D. Macfadden
	Prevalence and characteristics of carbapenem-resistant Enterobacterales in 23 hospitals in Nara City, Japan from 2018 to 2020: predominance of IMP-6 carbapenemase	R. Nakano
	Surveillance report (ATLAS) on antimicrobial activity of aztreonam-avibactam and comparator agents tested against metallo- β -lactamase (MBL)-positive carbapenem-resistant <i>E. coli</i> and <i>Klebsiella</i> spp. isolated from India (2020-2021)	A. Mane
	Epidemiology of carbapenem-resistant <i>Klebsiella pneumoniae</i> reveals a crisis of the resistance and virulence convergence in China	Q. Shi
	Coexistence of seven different carbapenemase producers in one patient upon hospital admission confirmed by whole-genome sequencing	F. Fuchs
	Antimicrobial resistance profile of <i>Helicobacter pylori</i> in a large tertiary hospital in Singapore from 2004 to 2023	A. Hamdan
	Unlocking the iron gate: cefiderocol's efficacy against <i>Acinetobacter baumannii</i> biofilms	I. Cavallo
	Antimicrobial susceptibility trends of multidrug-resistant <i>Pseudomonas aeruginosa</i> in Africa	Y. Ramsamy
	Impacts and management of carbapenem-resistant and hypervirulent <i>Klebsiella pneumoniae</i> infection on gut health	H. Ni
	Clinical relevance, mechanisms and evolution of polymyxin B heteroresistance carbapenem-resistant <i>Klebsiella pneumoniae</i> : a genomic, retrospective cohort study	Q. Luo
	Trends in <i>Klebsiella pneumoniae</i> antimicrobial susceptibility in Africa: phenotypic and genotypic regional analyses, 2005-2021	T. Nana
	<i>In vitro</i> activity of aztreonam-avibactam and cefiderocol against metallo- β -lactamase-producing Enterobacterales	A. Dudakova
	<i>In vitro</i> activity of ceftibuten/avibactam and comparator agents against Enterobacterales collected globally as part of the ATLAS surveillance programme, 2022 by β -lactamase carriage	M. Estabrook
	<i>In vitro</i> activity of ceftibuten-avibactam and comparator agents against Enterobacterales collected globally as part of the ATLAS Surveillance Program, 2022 by length of stay	M. Hackel
	<i>In vitro</i> activity of aztreonam/avibactam and comparator agents against multidrug-resistant Enterobacterales collected globally as part of the ATLAS Surveillance Program, 2018-2022	M. Hackel
	Molecular epidemiology and genomic comparison of ST191/195/208 and other types of <i>Acinetobacter baumannii</i> in eastern China	Y. Xiao
	Activity of aztreonam/avibactam against a panel of multi-drug resistant <i>Klebsiella pneumoniae</i>	J. Murphy
	Screening sites for detection of carbapenemase-producers: a retrospective cohort study	I. Vock
	Co-existence of extended-spectrum β -lactamases and carbapenemases in neonatal <i>Klebsiella pneumoniae</i> isolates from a children's specialized hospital in Cairo, Egypt	M. Abou-Galiel
	Activity of cefiderocol against carbapenem non-susceptible Enterobacterales, including molecularly characterised clinical isolates causing infection in hospitals in European and adjacent regions (2020–2022)	R.-E. Mendes
	Molecular characterisation of carbapenem-resistant Enterobacteriaceae isolated from military Ukrainian patients in a tertiary hospital in Zaragoza, Spain	M. Latorre-Millán
	Surveillance of carbapenemase-producing Enterobacterales in six medical centres in Germany between 2015 and 2021: results from the DIOGENES study	J. Sattler
	Double beta-lactam therapy in ESBL+CPE+ <i>E. Coli</i> isolates - what is the relationship between synergy, penicillin-binding protein activity, and <i>in vitro</i> susceptibility?	J. Suich
	Prevalence and characteristics of third-generation cephalosporin-resistant <i>Escherichia coli</i> isolated from deer at a tourist area in Japan	A. Nakano
	Molecular epidemiology of carbapenem-resistant Gram-negative isolates obtained from clinical samples at Jimma Medical Center, Ethiopia	M.-G. Adbaru
	Characterisation of carbapenem-resistant <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> isolates from bloodstream infections in a tertiary care hospital in south India and their susceptibility to ceftazidime-avibactam	A. Kurian
	Genomic analysis of <i>bla</i> _{OXA-48} plasmids in a single hospital in Singapore over ten years	D. Loy
	Decoding genetics of AMR genes in human pathogens for rapid diagnostic test development	T. Mehrotra
	60 years of evolution in <i>Bacteroides fragilis</i> antimicrobial resistance	F.-D. Nielsen
	Emerging resistance against new antibiotics in carbapenem resistant <i>Pseudomonas aeruginosa</i> infections	F. Pinarlik
	Clinical profile and outcome of nosocomial <i>Stenotrophomonas maltophilia</i> infection among adult patients in a tertiary hospital: a five-year retrospective study	R.-B. Hernandez
	Molecular analysis of metallo-beta-lactamase-producing <i>Pseudomonas aeruginosa</i> in Switzerland 2022-2023	J. Findlay

	Use of antipseudomonal antibiotics and prevalence of multiple drug resistance (MDR) in Pseudomonas aeruginosa (PA): a time series analysis in hospitalised patients	J.-A. Martínez
	In vitro activity of cefiderocol against carbapenem-resistant Pseudomonas aeruginosa (CRPA) clinical isolates from countries with high CRPA incidence, 2019-2022	R. Da Costa
	In vitro activity of eravacycline against Enterobacterales and non-fermenter clinical isolates, including resistant isolates, collected in Europe during 2022	S. Hawser
	Fosfomycin resistance in E. coli ST131: an emerging Italian threat	V. Mattioni Marchetti
	In-depth genomic analysis of two Acinetobacter baumannii isolates from the same patient	L.-A. Casselmann
	Characterising a cluster of NDM-5-positive Escherichia coli clinical isolates	R. Arazo Del Pino
	Carbapenem-resistant Pseudomonas aeruginosa prevailing among the hospitals in Czech Republic: the evolution of a regional menace	T. Sourenian
	Genotypes of ESBL-producing Escherichia coli isolated from lower respiratory tract samples before and during the COVID-19 pandemic (2017–2022)	K. Hrovat
	In vitro activity of cefiderocol against carbapenemases-OXA-type producing Acinetobacter baumannii clinical strains: a report of six Italian laboratories	M. Perilli
	Frequent high-level rifaximin resistance in Escherichia coli associated with long-term treatment of patients with hepatic cirrhosis – a prospective, controlled study	J. Camp
	Activity of cefiderocol and innovative β-lactam/β-lactamase inhibitor combinations against a Spanish nationwide collection of double carbapenemase-producing Enterobacterales	T. Blanco Martín
	Acquisition and loss of carriage of antimicrobial resistant Enterobacterales among vulnerable children Africa and Asia	C. Tigoi
	Effect of glyphosate and antibiotic combinations on ESKAPEE Gram-negative bacteria	H. Zerrouki
	Antimicrobial resistance and genomic insights into Campylobacter spp. isolated from Australian meat chickens	S. Abraham
	Emergence of Klebsiella pneumoniae ST307 colistin resistant and co-producing NDM-5 and CTX-M-15 in Uruguay	C. Magallanes
	In vitro activity of cefiderocol against carbapenem-resistant Acinetobacter baumannii (CRAB) clinical isolates from countries with high CRAB incidence, 2019-2022	R. Da Costa
	Emerging cefiderocol resistance in carbapenem-resistant Pseudomonas aeruginosa and Acinetobacter baumannii	J. Boral
	TROJAN-BMR: in vitro activity of cefiderocol and its comparators on multidrug-resistant Enterobacterales and Pseudomonas aeruginosa strains in South of France, performance of available testing methods	M. Benyahia
	Exploring multidrug resistance patterns in community acquired E. coli urinary tract infections with machine learning	E. Hodbert
	Activity of new β-lactamases inhibitors/antibiotic combination and cefiderocol against carbapenems resistant Pseudomonas aeruginosa strains	E. Addis
	Activity of aztreonam-avibactam and comparator agents against a global collection of MBL-producing Enterobacterales	M. Castanheira
	High frequency of CTX-M-115 and OXA-72 in ST78 Acinetobacter baumannii	P.-G. Higgins
	Activity of gepotidacin against Klebsiella pneumoniae, including molecularly characterised fluoroquinolone not susceptible subsets causing urinary tract infections in Europe and adjacent regions (2019-2022)	R.-E. Mendes
	Activity of aztreonam-avibactam and comparator agents against Enterobacterales collected from patients with presumed hospital- and community-acquired infections: ATLAS Global Surveillance Program, 2018-2022	M. Wise
	In vitro activity of ceftazidime-avibactam and comparator agents against Enterobacterales and Pseudomonas aeruginosa stratified by infection source and patient age: ATLAS Global Surveillance Program, 2018-2022	M. Wise
	Prevalence and genetic background of trimethoprim-sulfamethoxazole and levofloxacin resistance in Stenotrophomonas maltophilia	C. Sakr
	Activity of sulbactam/durlobactam against a panel of multi-drug resistant Acinetobacter baumannii	Z. Hackett
	In vitro activity of cefiderocol against carbapenem-resistant Enterobacterales (CREs) clinical isolates from countries with high CRE incidence, 2019-2022	R. Da Costa
	Antimicrobial resistance in Helicobacter pylori: a ten-year perspective from the national gastrointestinal bacteria reference unit, UK Health Security Agency, United Kingdom	V. Wong
	Activity of cefiderocol and comparator agents against isolates from paediatric patients collected during 2020-2022 as part of the SENTRY antimicrobial surveillance program	S. Nguyen
	Aztreonam-avibactam resistance is lower than cefiderocol resistance in recent carbapenemase-positive Enterobacterales from the German National Reference Centre (NRC) for multidrug-resistant Gram-negative bacteria	A. Anders
	Antimicrobial activity of cefepime in combination with taniborbactam against resistant clinical isolates of Enterobacterales and Pseudomonas aeruginosa collected in Europe, 2018-2022	M. Hackel
	Activity of cefepime-taniborbactam and comparators against Enterobacterales and Pseudomonas aeruginosa with defined β-lactamase carriage collected in Europe, 2018-2022	M. Wise
	Is imipenem a good option for treatment of erythromycin-resistant Campylobacter coli infections?	L. Pérez Fernández

	Rising prevalence of ST15-KL19 carbapenemase-producing <i>Klebsiella pneumoniae</i> in post-COVID-19 in Portugal	Â. Novais
	Genomics of a global collection of <i>Klebsiella pneumoniae</i> reveals multiple routes for the emergence of convergent lineages	A. Sapre
	Susceptibility of ESBL-producing, carbapenemase-negative clinical Enterobacterales isolates from eastern Europe to ceftolozane/tazobactam and comparator antibiotics: SMART 2018-2022	M. Wise
	Activity of ceftolozane/tazobactam and comparators against ESBL-producing, carbapenemase-negative clinical Enterobacterales isolates from the Middle East/Africa region: SMART 2018-2022	M. Wise
	A new problem for the Romanian healthcare system: the emergence of <i>Stenotrophomonas maltophilia</i>	A.-S. Vizitiu
	Rising of ArmA and OXA-23 co-occurrence in <i>Acinetobacter baumannii</i> ST2: an increasingly challenging scenario for antibiotic resistance management in Europe	P. Guijarro
	Activity of ceftolozane/tazobactam against clinical isolates of <i>Pseudomonas aeruginosa</i> from hospitalised patients in South Africa: SMART 2018-2022	M. Wise
	Activity of ceftolozane/tazobactam and imipenem/relebactam against clinical isolates of <i>Pseudomonas aeruginosa</i> from hospitalised patients in Israel: SMART 2018-2022	M. Wise
	Activity of ceftolozane/tazobactam and imipenem/relebactam against clinical isolates of <i>Pseudomonas aeruginosa</i> from latin America: SMART 2020-2022	M. Wise
	Unraveling cefiderocol resistance in <i>Acinetobacter baumannii</i> : a genomic perspective on <i>in vivo</i> adaptations	S. Carloni
	Extensively drug-resistant <i>Acinetobacter baumannii</i> in an intensive care burn center unit in Uruguay: molecular epidemiology and synergy in colistin resistant strains.	M. Outeda
	Antibiotic susceptibility and molecular resistance mechanisms in <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> isolates from Peruvian hospitals: a focus on cefiderocol	J. Ruiz Blazquez
	Relebactam enhances the activity of imipenem against <i>Burkholderia cepacia</i> complex isolates SMART 2020-2022	K. Young
	Antimicrobial susceptibility of <i>Stenotrophomonas maltophilia</i> clinical isolates and genotypic analysis of cotrimoxazole resistance	P.-L. Gómez Sastre
	NDM-5-producing <i>Klebsiella pneumoniae</i> ST258 in a university hospital in Argentina	L. Dabos
	Multidrug-resistant, extensively drug-resistant and pan drug resistance Gram-negative orthopedic implant-associated infections: role of carbapenemase production	M. Neri Lucas Kurihara
	Phenotypic and genotypic characterization of ertapenem-mono-resistant carbapenem-resistant Enterobacterales	Y. Wang
	Epidemiologic, clinical profile and antibiotic sensitivity and resistance pattern of melioidosis at Southern Isabela Medical Centre, Santiago City, Philippines	M.-J. Mendoza-Colobong
	Multi-institute analysis of carbapenem-resistant Enterobacterales reveals rapid changes in resistance mechanisms over time	N. Commins
	Molecular genetic analysis of extended-spectrum β -lactamase(ESBL)-producing <i>Escherichia coli</i> isolated from outpatients at a tertiary care emergency centre	Y. Nomura
	Epidemiology of <i>Klebsiella pneumoniae</i> and their plasmids through the last decade in the United States	T. Luo
	Susceptibility levels to cefiderocol in carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB) from Peruvian hospitals	R.-D.-P. Huerto Huánuco
	<i>In vitro</i> evaluation of antibiotic combinations against <i>Acinetobacter baumannii</i> isolated from bloodstream infections in Indian intensive care units	M.-C. Tantry
	Antibiotic resistance patterns of <i>Pseudomonas aeruginosa</i> in a community-based hospital in Korea: the role of ceftazidime-avibactam	H.-J. Lee
	Antimicrobial use and combination of resistance phenotypes in bacteraemic <i>Escherichia coli</i> in primary care: a study based on Japanese national data	Y. Hosaka
	Antimicrobial susceptibility profile of ceftolozane/tazobactam, ceftazidime/avibactam and cefiderocol in carbapenem-resistant <i>Pseudomonas aeruginosa</i>	E. Buyukyanbolu
	High prevalence of hypervirulence-associated genes in carbapenemase-producing <i>Klebsiella pneumoniae</i> isolates in Hungary	A. Toth
	Unnoticeable resistant pathogen <i>Stenotrophomonas maltophilia</i> : antimicrobial resistance, virulence and biofilm production	S.-A. Özyar Kurtçu
	Phenotypic characteristics of multidrug-resistant bacteria from five Ukrainian war-trauma patients	D.-I. Strachinaru
	<i>In vitro</i> activity of cefepime-enmetazobactam against OXA-48-like carbapenemase producing Enterobacterales collected in France	L. Dortet
	Antimicrobial resistance of <i>Shigella</i> spp. in south Australia and its detection using whole genome sequencing	H. Torpy
	Distribution of resistance determinants among the most prevalent clones of <i>Campylobacter jejuni</i> according to cgMLST scheme	P. Fernández-Palacios
	Epidemiology of IMI-type-carbapenemase-producing <i>E. cloacae</i> complex in France from 2012 to 2022	C. Emeraud
	High levels of antimicrobial resistance among common bacterial pathogens in Indonesia: a systematic review	M.-W. Gach
	Characterisation of carbapenemase-producing <i>Klebsiella pneumoniae</i> isolates in a hospital in Madrid (Spain) before and during COVID-19 pandemic	M. Nieto Torres

	Plasmid-driven epidemiology: unravelling carbapenem resistance transmission in hospital setting	D.-S. Blanc
	A five-year trend analysis of epidemiology and susceptibility of <i>Salmonella</i> species in a tertiary care centre, South India	J. Prasanthi
	Russian-Ukraine war raised antibiotic resistance and Gram-negative infections of wounds in Ukraine	K. Rudnieva
	The global burden of infections caused by metallo- β -lactamase- producing carbapenem-resistant Enterobacterales: results of a targeted literature review	M. Gheorghe
	Identification of regional, interregional, and international dissemination events of <i>Klebsiella pneumoniae</i> clones from Portugal	R. Elias
	Clonal dissemination of a trimethoprim-sulfamethoxazole-resistant <i>Stenotrophomonas maltophilia</i> harbouring the carbapenemase gene <i>bla</i> _{IMP} in a clinical setting	E. Almazán Gárate
	A melanin-producing <i>Acinetobacter baumannii</i> outbreak: the first report in EU area	A. Leonildi
	Clinical characteristics of patients with reported acquired carbapenemase-producing Gram-negative bacteria in England, October 2020 – April 2023	E. Mason
	Phenotypic and genotypic characterisation of colistin-resistant <i>Escherichia coli</i> isolates from poultry farms in Uganda	M. Wainaina
	Within-host chromosomal diversity of extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> during long-term carriage	K. Houkes
	Colonisation rates of hospitalised patients with carbapenem resistant pathogens in a Greek hospital: a single centre, point prevalence study	N. Sipsas
	Azithromycin mitigates PDR phenotype and improves sensitivity to meropenem in PDR <i>Klebsiella pneumoniae</i> biofilms	O. Moshynets
	Emergence of extensively drug-resistant hypervirulent <i>Acinetobacter baumannii</i> ST2 in Taiwan, a 16-year study	P.-K. Chen
	Epidemiological profile and antimicrobial resistance of non typhoidal <i>Salmonella</i> isolates in children in Tunis 2000-2022	E. Anane
	Evolution of betalactam susceptibility and <i>penA</i> polymorphism in invasive meningococcal disease in a Tunisian pediatric population (2009-2019)	D. Karray
	Bacteriological profile of carbapenem-resistant organism colonisation and infections among inpatients at a national spinal injuries unit: a five-year retrospective study	M. Etti
	Carbapenem-resistant <i>Acinetobacter baumannii</i> causing healthcare-associated bloodstream infections in Hungary in 2018-2019 and in 2020-2021: epidemiological and genomic epidemiological aspects	A. Hanczvikkel
	Road to success in a quality improvement activity for the detection of carbapenemase producing Enterobacterales in a tertiary care hospital in the United Kingdom	G.-I. Athukorala
	Characterisation of beta-lactam resistance among <i>H. influenzae</i> in Switzerland	D. Hilti
	National surveillance of carbapenemase-producing <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> circulating in Belgian hospitals, 2023	D. Olivier
	<i>In vitro</i> antibiotic susceptibility of <i>Vibrio parahaemolyticus</i> strains isolated in Southern Spain	S. Tapia-Poza
	Prevalence of carbapenem-resistant Enterobacteriaceae (CRE) among various specimen received at Kwazulu-Natal Academic Hospital, South Africa: a retrospective study	A. Kajee
	Carbapenemases in Germany in 2023: report of the German national reference centre for multidrug-resistant Gram-negative bacteria	N. Pfennigwerth
	Carbapenem-resistant <i>Escherichia coli</i> : the results of 1-year WGS surveillance in a northern Italy hospital	A. Piazza
	<i>In vitro</i> activity of newly-developed β -lactamase inhibitors avibactam, relebactam and vaborbactam in combination with aztreonam against metallo- β -lactamase producing <i>Escherichia coli</i> clinical isolates	C. Viguiet
	<i>In vitro</i> evaluation of incremental avibactam concentrations on ceftazidime activity against ceftazidime/avibactam susceptible and resistant KPC-producing <i>Klebsiella pneumoniae</i> clinical isolates	P. Gaibani
	Efficacy in the use of beta-lactamase inhibitors compared to other antimicrobials in carbapenem-resistant <i>Acinetobacter baumannii</i> infections	M. Lima
	Genomic epidemiology of <i>Klebsiella pneumoniae</i> in the Comunitat Valenciana, Spain (2017-2019)	F. Gonzalez-Candelas
	Unraveling the impact of COVID-19: a comprehensive study on <i>Pseudomonas aeruginosa</i> and carbapenem-resistant strains in Italian ICUs	G. Scaglione
	Comparison of resistance profiles of extended-spectrum β -lactamase-producing <i>Escherichia coli</i> from two poultry production systems in Uganda	M. Wainaina
	Clinical and microbiological characterisation of infections by <i>Stenotrophomonas maltophilia</i> in a university hospital in Chile in 2021	P. Ross
	Polymyxin and meropenem resistance in clinical Enterobacterales, <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> isolates and respective outcomes in patients treated at a tertiary hospital	C. Kiffer
	<i>In vitro</i> activity of funobactam (XNW4107) combined with imipenem against Gram-negative isolates collected in 2021	J. Li
	Epidemiological and clinical characteristics of infected and colonised patients with carbapenem-resistant Enterobacterales in a university hospital of Colombia: are coproductions relevant?	S.-M. Gualtero Trujillo
	<i>In vitro</i> activity of gepotidacin against urine isolates of <i>Escherichia coli</i> from outpatient departments in Germany, 2022/23	E. Wohlfarth

Antimicrobial resistance surveillance of <i>Pseudomonas aeruginosa</i> invasive isolates in Catalonia (Spain) in the 2016-2022 period	P. Ciruela
Molecular epidemiology and genomic insights into cefiderocol-resistant carbapenemase-producing <i>Citrobacter</i> spp. isolates obtained in Barcelona	G. Puigsech Boixeda
Epidemiology and antimicrobial susceptibility pattern of <i>Klebsiella pneumoniae</i> isolated from clinical samples in Poland	E. Literacka
Prevalence of carbapenemase-producing enterobacteriaceae in kidney transplant patients	A. Baptista Monteiro
Presence of multidrug-resistant <i>Acinetobacter kanungonis</i> with <i>bla</i> _{IMP-16} , <i>bla</i> _{GES-1} and <i>bla</i> _{OXA-143} in the Açu river, Amazon, Brazil	C. Souza
Faecal carriage of carbapenemase-producing Enterobacteriaceae among patients admitted to tertiary hospital in Havana, Cuba	D. Quinones Perez
CORE-MDR study: contact isolation removal evaluation on multidrug-resistant bacterial infections in India	S. Dorairajan
Integrating genetic and epidemiological data supported the investigation of spatiotemporally dispersed genetic clusters and a local outbreak of NDM-1 producing <i>Klebsiella pneumoniae</i> in Germany, 2022-2023	M. Sandfort
Emerging metallo- β -lactamase producing <i>Klebsiella oxytoca</i> complex in Taiwan: a decade-long analysis	C. Chiahua
Comparison of gene-by-gene and SNPs analysis for typing of <i>K. pneumoniae</i> ST512/KPC-3 genomes from southern Spain	M. Delgado Valverde
Recurrence rate carbapenemase-producing <i>Enterobacteriales</i> (CPE) after clearance	J.-H. Park
Are ceftolozane/tazobactam and imipenem/relebactam potential options to overcome the threat of Gram-negative bacterial infections in Portugal? SMART 2018-21	H. Cruz
Colonisation by multidrug-resistant Gram-negative bacteria in acute graft-versus-host disease	A. Siniaev
AMRnet: unlocking pathogen genomics data for AMR surveillance	M.-E. Carey
Antimicrobial susceptibility rates and carbapenemase types of carbapenem-resistant <i>Klebsiella pneumoniae</i> isolated over a six-year period	S.-G. Kilic Sinci
Genetic analysis of carbapenem resistant <i>Acinetobacter baumannii</i> isolates associated with the war in Ukraine	J. Eisfeld
Multidrug-resistance Enterobacteriaceae isolated from meats marketed in El Tarf, Algeria	Z. Belbel
Genomics of clinical extensively drug-resistant Enterobacteriaceae strains isolated in Dakar, Senegal	K.-M. Dossouvi
Prevalence of plasmid-mediated AmpC in Enterobacteriales clinical isolates	P.-L. Gómez Sastre
Co-existence of two <i>bla</i> _{NDM-5} and <i>bla</i> _{OXA-181} on distinct plasmids in carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates a tertiary hospital, Tanzania	J. Manyahi
The changing epidemiology of carbapenem-resistant <i>Klebsiella pneumoniae</i> in Serbia: the expansion of the high-risk clone ST147/ <i>bla</i> NDM-1	I. Gajic
One year surveillance of carbapenem-resistant Enterobacteriales: the impact of WGS	C. Merla
Comparative analysis of the multidrug-resistant <i>Acinetobacter baumannii</i> ST492 Romanian isolates in a global context	M. Surleac
Evaluation of new and old drugs for the management of complicated urinary tract infection in the era of MDR and XDR Gram-negative <i>Bacilli</i> in Oman	N. Al Shizawi
Multidrug-resistant carbapenemase-producing <i>Acinetobacter</i> species in hospitals from Brazilian Amazon region during the COVID-19 pandemic	D. Brasiliense Seligmann
Genomic characterisation of colistin-resistant clinical isolates of <i>Klebsiella pneumoniae</i> from Tahiti (French Polynesia)	N. Amraoui

12:00 - 13:30

Poster Area

3c. Susceptibility testing methods (incl assay validation, phenotypic assays and comparative studies, excl TB)

Multivariable evaluation of <i>in vitro</i> performance of ceftolozane/tazobactam, ceftazidime/avibactam, imipenem/relebactam & cefiderocol on difficult-to-treat <i>Pseudomonas aeruginosa</i> isolated from clinical samples	J. Alexander
Dual E-test overlay method to screen multi-drug resistant Gram-negative bacteria for synergy with meropenem-vaborbactam and aztreonam	O. Fletcher
Multicentre interlaboratory study of routine systems for the susceptibility testing of temocillin using a challenge panel of multidrug-resistant strains	C. Deckers
Sub-MIC antibiotic pre-exposure increased the single-cell MIC and promoted hetero-resistance in bacteria	S. Ahmad
Rapid antimicrobial susceptibility testing using automated broth microdilution: performance evaluation of a four-hours bacterial cultivation from positive blood cultures	B. Körber-Irrgang
Comparison of two commercial broth microdilution panels for AST of multidrug-resistant Gram-negative bacteria	A. Aupaix
Performance of a commercial assay for the detection and classification of OXA-48 producing <i>Escherichia coli</i> isolates that do not co-produce ESBL/pAmpC	F. Galán-Sánchez

	Evaluation of gradient strip diffusion for measuring the minimum inhibitory concentration of aztreonam/avibactam in metallo-beta-lactamase producing <i>Enterobacterales</i>	J. Lemon
	Development and evaluation of gradient strip-based synergy testing methods to determine susceptibility of carbapenem-resistant Gram-negative organisms to the aztreonam (ATM) and ceftazidime-avibactam (CZA) combination	C. Manuel
	Rapid antimicrobial susceptibility testing by SdFFF directly from positive blood cultures	L. Tlili
	Identification of <i>in vitro</i> susceptibility test interpretive criteria (STIC) for sulfamethoxazole (SMX)-trimethoprim (TMP) against <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i>	B. Vanscoy
	Evaluation of a new gradient MIC test for aztreonam/avibactam (AZA) susceptibility testing of <i>Enterobacterales</i>	M. Bouvier
	Adaptation of the updated CA-SFM 2022 algorithm for screening of carbapenemase-producing <i>Enterobacterales</i> on automated antibiotic susceptibility test instrument	C. Gibert
	Rapid antimicrobial susceptibility testing of urinary tract infection bacteria using an innovative technology: scattered light integrated collector	H. Onyango
	Minimal inhibitory concentrations (MICs) of tigecycline correlate strongly with those of omadacycline	V. Calado
	Validation of aztreonam-avibactam MIC antimicrobial susceptibility test for MicroScan dried Gram-negative MIC panels from a multicenter assessment of <i>Enterobacterales</i> , <i>Pseudomonas</i> species, and <i>Stenotrophomonas maltophilia</i>	C. Hastey
	Evaluation of a rapid antibiotic susceptibility testing system on multidrug-resistant Gram-negative bacteria responsible for non-bloodstream infections: preliminary data	P. Bottino
	A comparative study of the specific REVEAL vs the VITEK2 system in susceptibility testing of NDM-producing <i>Enterobacterales</i> directly from positive blood cultures	A. Adler
	Evaluation of the equivalency of the oxoid aztreonam/avibactam (30/20 µg) antimicrobial susceptibility testing disc to the CLSI M07 broth microdilution frozen reference method	S. Bhalerao
	Performance of a novel holographic imaging system for rapid susceptibility testing directly from Gram-negative positive blood cultures	D. Gamage
	VITEK reveal, a new fast, phenotypical antimicrobial susceptibility testing from positive blood culture: a real-life experience in a tertiary care hospital from Spain	J. Pendones-Ulerio
	Comparison of three MIC gradient tests with the disk diffusion method for cefiderocol susceptibility testing on carbapenem-resistant <i>Enterobacterales</i>	A. Zappavigna
	Rapid AST directly from blood culture bottles is now possible on lab automation: a performance study	M. Lucchini
	Disc diffusion test is reliable in detecting penicillin susceptibility in <i>Staphylococcus aureus</i> bacteraemia	P. Kihlberg
	Can EUCAST rapid antibiotic susceptibility testing be considered for <i>Salmonella enterica</i> ? A pilot study	G. Kahlmeter
	New insights in therapeutic options against difficult-to-treat <i>Pseudomonas aeruginosa</i> (DTR-PA): <i>in vitro</i> activity of aztreonam in combination with avibactam, relebactam and in double β-lactams combinations with ceftazidime/avibactam and imipenem/relebactam	F. Pasteran
	Multicentre evaluation of a newly developed rapid antibiotic susceptibility testing automated system with three-hours MIC results using commonly encountered Gram-negative organisms in Chinese clinical microbiology laboratories	M. Yang
	Susceptibility testing for <i>Enterococcus</i> species other than <i>E. faecalis</i> and <i>E. faecium</i> using EUCAST methodology and breakpoints	J. Ahman
	Multicentre evaluation of a newly developed rapid antibiotic susceptibility testing automated system with 3-hours MIC results using commonly encountered gram-negative organisms in Chinese clinical microbiology laboratories	E. Sun
	Increasing pH of the test medium suppresses trailing phenomenon in cefiderocol MIC determinations for <i>Acinetobacter baumannii</i>	N. Ishibashi
	Comparison of different disk diffusion and MIC test strips brands with reference broth microdilution for imipenem/relebactam susceptibility testing of <i>Pseudomonas aeruginosa</i>	A. Candela
	Performance of the EUCAST disk diffusion method for linezolid susceptibility testing in enterococci: a nordic multicentre study	B.-C. Haldorsen
	How accurate is direct antibiotic sensitivity testing of <i>Enterobacterales</i> from positive blood cultures? Don't get caught out!	G. Vanstone
	Detection by automated antimicrobial susceptibility testing method of trimethoprim/sulfamethoxazole heteroresistance in <i>Staphylococcus aureus</i> not detected by reference methods	G. Durand
	<i>In vitro</i> assessment of the novel antibiotic combination meropenem/ANT3310 against Gram-negative bacteria: CLSI Tier 1 study examining effects of varying MIC parameters and equivalency between agar dilution and broth microdilution methodologies	S. Hawser
	Effect of miniaturisation of EUCAST broth microdilution	S. Needs
	A comparison of cefiderocol broth microdilution and disk diffusion against a panel of carbapenem-resistant <i>Pseudomonas aeruginosa</i>	K. Lane
	Diagnostic pathways for a rapid, culture based antibiotic susceptibility testing for urinary tract infections	S. Kidd
	Environmental context influences antimicrobial susceptibility testing	C. Black

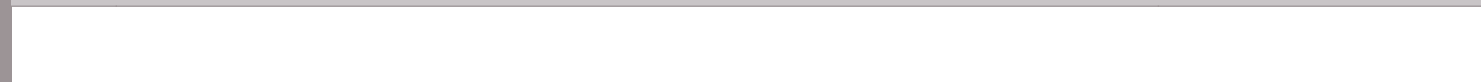
	Evaluation of in vitro antibiotic susceptibility of Haemophilus influenzae strains isolated from clinical samples according to the EUCAST and CLSI criteria and molecular analysis of beta-lactam resistance	A.-I. Ocaklı
	Measuring reactive oxygen species (ROS) to determine minimal inhibitory concentrations (MIC) for Enterobacterales using flow cytometry (FCM)	T.-P. Lim
	Third generation cephalosporin antimicrobial susceptibility testing assay using scanning electron microscopy: a pilot investigation	O. Zmerli
	Comparative analysis of a commercially available antibiotic susceptibility testing with microbial suspensions prepared with an automated specimen workup instrument	N. Schepis
	Performance evaluation of meropenem-vaborbactam on clinical isolates in a fully automated rapid AST system	J. Göransson
	Interim results of a clinical and economic evaluation of a rapid AST system – the LIFETIMES study	G.-M. Rossolini
	Comparison of testing methods assessing the in vitro efficacy of the combination of aztreonam with avibactam on multidrug-resistant Gram-negative bacilli	T.-D.-D. Huang
	Deduction of dalbavancin susceptibility from vancomycin susceptibility in staphylococci	C. Dupieux-Chabert
	Analytical and clinical performance of a rapid AST system directly from positive blood cultures: results of a real-life diagnostic clinical trial in Madrid, Spain	A.-V. Halperin
	Phenotypic antibiotic susceptibility testing for last-resort antibiotics based on bacterial nanomotions provides results in two hours	A. Sturm
	Multicentre comparison of different commercial antimicrobial susceptibility testing methods compared to broth microdilution for beta-lactam susceptibility testing of Streptococcus pneumoniae	S. Martens
	Assessment of aztreonam-avibactam (ATM-AVI) CLSI 30/20 μg disk content against carbapenemase-producing Enterobacterales (CPEs)	P. Marchetti
	Detection of colistin susceptibility in multidrug resistant Acinetobacter baumannii isolates by different methods, determination of colistin resistance by molecular and rapid methods	F.-M. Akilli
	How to properly determine fosfomycin susceptibility: comparison of three susceptibility methods	G. Kroneislová
	Performance of a novel microfluidic rapid AST assay for Gram-negative bloodstream infections in low and high resistance settings	C. Malmberg
	Developing a microfluidic-platform to support in vitro assessment of dynamic exposure-response relationships: towards individualised susceptibility testing	J. Lawrence
	A cost-effective AST directly from positive blood culture bottles: preliminary data for Enterobacterales and staphylococci using two automatized methods	M. Peradotto
	Preliminary performance of a new gradient MIC test strip for aztreonam/avibactam susceptibility testing of Enterobacterales	E. Pillon
	Ability of two rapid phenotypic AST methods to detect carbapenem-resistance in Gram-negative bacteria directly from positive blood cultures	N. Degel-Broßmann
	Automated screening of carbapenemase classes by an antimicrobial susceptibility testing system	G. Zambardi
	CLSI M23 tier 2 study to establish broth microdilution quality control ranges for meropenem-ANT3310	D. Dressel
	Evaluation of the QuickMIC rapid antibiotic susceptibility testing assay with carbapenem resistant Escherichia coli and Klebsiella pneumoniae isolates	M. Réka
	Comparison of Enterococcus faecalis penicillin susceptibility via commercial direct MIC test vs broth microdilution	O. Funk
	AST comparison for Pseudomonas aeruginosa and other nonfermenting Gram-negative bacilli: disk diffusion and automated microdilution vs broth microdilution	S. Mzougui
	Testing efficacy of a novel diagnostic antimicrobial susceptibility testing platform on patient bacterial isolates from a large Scottish teaching hospital	S. Reid
	Evaluation of disk diffusion breakpoints for Aerococcus spp. using CLSI methods	R. Maynard
	Fine tuning polymyxin B combinations: tackling the growing threat of pan-drug resistant Klebsiella pneumoniae	J.-N. Kaur
	mATM/CZA: a new rapid and inexpensive methodology for evaluating the combination in vitro of ceftazidime-avibactam plus aztreonam among Enterobacterales	J. Caierão
	Validation of commercial automated bacterial suspension preparation and plate streaking for antibiotic disk diffusion susceptibility testing	R. Vanstokstraeten
	Evaluation of EUCAST breakpoints and methods for antimicrobial susceptibility testing of cefiderocol	E. Matuschek
	Quality assessment of antimicrobial susceptibility testing among Level 2 and 3 medical laboratories in Zambia	L.-I. Mukubuta
	Prospects for using MICs assessed under clinically relevant conditions to predict the development of antibiotic resistance: a study with meropenem and Klebsiella pneumoniae	S.-H. Zinner
	Direct identification and antibiotic susceptibility testing in Bacteroides fragilis isolates from positive blood cultures	M. Demir
	Cefiderocol MIC against cefiderocol-resistant Acinetobacter baumannii can be affected by starting inoculum size	H. Yamashiro
	New approach to evaluate the bactericidal activity of different antiseptic ophthalmic preparations used as surgical prophylaxis	S. Caldrex

	Evaluation of methods for aztreonam-avibactam MIC determination	L. Dortet
	Evaluation of antibiogram and microbial identification in terms of accuracy and time when applied with the RAST technique	H. Guducuoglu
	Evaluation of the oxoid imipenem/relebactam (10/25 µg) antimicrobial susceptibility testing (AST) disc against the predicate AST disc	S. Bhalerao
	A novel fast and easy test for determination of tigecycline and colistin susceptibility	S.-A. Özyar Kurtçu
	Two-dimensional checkerboard screening of ceftazidime-avibactam and fosfomycin against carbapenemase-producing <i>E. coli</i> , <i>K. oxytoca</i> , <i>E. cloacae</i> and <i>K. pneumoniae</i> clinical isolates	M. Martens
	FASTinov ultrarapid AST directly from positive blood cultures: performance validation study in 6 Portuguese hospitals	L. Roseta
	Inoculum effect of meropenem and meropenem/avibactam with <i>Klebsiella pneumoniae</i> : can MIC at high inoculum predict MPC?	S.-H. Zinner
	Comparison of commercial methods for evaluating susceptibility to cefiderocol	E. Carretto
	QMAC dRAST for rapid AST on colonies yielded from respiratory specimens in ICU	E. Gallois
	Investigation of carbapenem heteroresistance in <i>Acinetobacter baumannii</i> and <i>Pseudomonas aeruginosa</i> blood isolates	E. Kirbas
	Is counting of Colony-Forming Units a reliable method to evaluate antibiotic activity against intracellular bacteria?	A. Comein
	Rapid antibiotic susceptibility testing in patients with bloodstream infection in a low resistance environment	J.-E. Afset
	Evaluation of a novel system for rapid antimicrobial susceptibility testing of Gram-negative pathogens from positive blood cultures	F. Morecchiato
	Evaluation of a new system for rapid antimicrobial susceptibility of Gram-negative bacteria directly from positive blood cultures	L. Tartaglione
	Evaluation of an automated antimicrobial susceptibility testing system performance for colistin susceptibility in multi drug resistant <i>Acinetobacter baumannii</i> isolates	A. Ilki
	Optimising ESBL confirmation: evaluating routine EUCAST cephalosporin disks in double disk synergy test	E. Özgür Yarkıcı
	Reducing turn around time by rapid identification and antimicrobial susceptibility testing directly from urine combining conventional with automated technology advancing integrated stewardship	M. Narayan
	<i>In vitro</i> susceptibility test to cefiderocol of NDM-producing <i>K. pneumoniae</i> from bloodstream isolates: a comparison of commercial methods and the reference method	A. Leonildi
	Optimising access to ceftazidime-avibactam-aztreonam combination therapy and in-house susceptibility testing	E. Woodhouse
	Evaluation of pH-dependent effect on fleroxacin activity against <i>Pseudomonas aeruginosa</i> isolates	A. Ruiz-Gaitán
	Evaluation of media for MIC susceptibility testing of <i>N. gonorrhoeae</i> .	L. Davies
	Metronidazole MIC testing and anaerobic bacteria: comparison of the two agar dilution reference method EUCAST and CLSI. Impact on a commercial device	M. Roland
	Study of two susceptibility testing methods with gradient strips for aztreonam and ceftazidime/avibactam combination in bacteria producing metallo- β -lactamases	V. Artal
	A new rapid antimicrobial susceptibility testing assay evaluated with positive blood cultures for antimicrobial-resistant bacterial pathogens	G. Menchinelli
	Susceptibility testing of carbapenemase-producing bacteria: comparison of two MIC panels	P. Hilkens
	Determination of aztreonam/avibactam MIC and two simple methods for detection of combined <i>in-vitro</i> activity of aztreonam and ceftazidim/avibactam against metallo β lactamase-producing Enterobacterales	J. Germ
	First hospital trials of a new antimicrobial susceptibility test (AST) demonstrate accurate, cost-effective results from positive blood cultures in three hours	T. King
	Investigation of the synergistic effect of ceftazidime-avibactam and aztreonam combination in multidrug-resistant <i>Stenotrophomonas maltophilia</i> clinical isolates using checkerboard and double disk synergy methods	E. Kirbas
	Performance of two different colistin susceptibility tests on carbapenemase producing <i>Acinetobacter baumannii</i> , <i>Pseudomonas aeruginosa</i> , <i>Klebsiella pneumoniae</i> , and <i>Stenotrophomonas maltophilia</i>	D. Ilki
	Utilisation of the breakpoints from the clinical and laboratory standards institute and the European committee on antimicrobial susceptibility testing at the quality control programme of the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC)	E. Ruiz De Gopegui
	Rapid antimicrobial susceptibility testing directly from urine	E. Jansson
12:00 - 13:30		Poster Area
3d. Resistance mechanisms (incl in vitro and in vivo studies, mobile elements, excl TB)		
Lipid remodelling in Gram-negative bacteria does not affect octenidine's activity		N. Malanovic

	Divergent genetic landscapes drive lower levels of AmpC induction and stable de-repression in <i>Serratia marcescens</i> compared to <i>Enterobacter cloacae</i>	L. Jacob
	Changing trend of Enterobacterales carrying <i>bla</i> _{NDM} and the emergence of multidrug-resistant <i>E. coli</i> ST8346 with multiple carbapenemases in southern Taiwan, 2016-2022	T.-H. Chang
	Integrative and conjugative elements in invasive <i>Haemophilus influenzae</i> in Scandinavia	H.-J. Wefring
	Association between MLST and the PmrCAB operon with colistin resistance and biofilm-related gene expression in <i>Acinetobacter nosocomialis</i> strains	J.-R. Sun
	Emergence of a transferrable daptomycin resistance mechanism in Gram-positive bacteria: a novel membrane-associated ABC transporter confers high-level daptomycin resistance in <i>Staphylococci</i>	T. Marciniak
	Highly active <i>bla</i> _{DHA-1} harbouring transposon in <i>E. coli</i> from German food production chain	A. Irrgang
	NDM-1-mediated resistance to cefiderocol (FDC): mechanistic insights	A.-J. Vila
	Evolutionary advantage of taniborbactam-resistant NDM-9	A.-J. Vila
	Mobile integrons carry phage defence cassettes	N. Kieffer
	Genomic and metabolic characteristics in laboratory-induced colistin-resistance <i>Acinetobacter baumannii</i>	H. Xiaolan
	Phenotypic and genotypic characterization of a carbapenem-resistant <i>Acinetobacter baumannii</i> clinical isolate harboring the carbapenemase IMP-8	X. Qingye
	Carvacrol: a natural defense against <i>Staphylococcus aureus</i> and its aminoglycoside resistance	C. Gan Oria
	Clonal lineage profiling of colistin resistance gene mcr-1 in clinical, veterinary and environmental bacterial isolates and antibiotics effective in them	C. Sahu
	Mechanisms of acquisition of <i>vanA</i> operon among vancomycin-resistant <i>Staphylococcus aureus</i> genomes: the tip of the iceberg?	H.-N.-T. Vo
	<i>In vivo</i> evolution of a novel KPC-144 variant conferring ceftazidime/avibactam resistance in ST11 carbapenem-resistant <i>Klebsiella pneumoniae</i>	P. Yang
	Two-component sensor factor <i>envZ</i> influence antibiotic resistance and virulence in the evolutionary dynamics of multidrug-resistant <i>Salmonella enteritidis</i> causing multisite invasive infections	L. Yu
	Chromosomal integration and plasmid fusion induce the transmission, resistance, fitness differences in carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates co-harboring <i>bla</i> _{NDM-1} and <i>bla</i> _{IMP-4}	Q. Shi
	Antimicrobial treatment failure: persistence and toxin/antitoxin systems in carbapenem-resistant <i>Acinetobacter baumannii</i> evolving in colistin-resistant strains	E. Chines
	The transcriptional regulator SpoVG strongly impacts the zinc tolerance of <i>Staphylococcus aureus</i> via regulation of multiple cellular pathways	J. Schürmann
	Spontaneous resistance against novel β -lactamase inhibitors	L. Zhuoren
	Suppression of fumarases and adaptive response in combination with the SOS response enhances antimicrobial susceptibility in <i>Escherichia coli</i>	M. Murillo Torres
	Host-specific evolution of NDM carbapenemases	L.-J. González
	Phenotypic and genetic characteristics of <i>bla</i> _{IMP-6} harbouring Enterobacteriaceae: emergence of novel plasmid variants coding <i>bla</i> _{IMP-6}	K. Yamaguchi
	Dynamics of antimicrobial resistance plasmids in OXA-48-producing <i>K. pneumoniae</i>	F. Galán-Sánchez
	Conditional evolution and novel mechanism of biocide tolerance in two nosocomial Gram-positive pathogens	M. Solsona Gaya
	Genomic variability and resistance mechanisms of <i>Salmonella</i> isolates recovered at hospitals in Peru	F. Krapp Lopez
	Identification of the novel fosfomycin resistance gene <i>fosSC</i> in <i>Staphylococcus capitis</i>	Y. Hong
	Impact of transferable β -lactamases and intrinsic AmpC amino acid substitutions on the activity of cefiderocol against wild-type and iron uptake deficient mutants of <i>Pseudomonas aeruginosa</i>	G. Lucia
	Interplay between DNA repair systems and antimicrobial heteroresistance in <i>Escherichia coli</i>	S. Diaz-Diaz
	Prevalence and distribution of mobile genetic elements in ESBL and/or carbapenemase-producing <i>Klebsiella pneumoniae</i> isolates belonging or not to high-risk clones	M. Alcalde-Rico
	Triclosan-selected <i>de novo</i> mutations in carbapenemase-producing <i>Klebsiella pneumoniae</i> clinical isolates	P. Perez Palacios
	Characterisation of a high-risk <i>Klebsiella pneumoniae</i> clone with normal and small colony variant phenotypes in the form of a phenotypic "hyper-splitting" phenomenon	E. Dogan
	<i>FosA</i> gene is not responsible of the different <i>in vitro</i> response to fosfomycin in carbapenem-resistant <i>K. pneumoniae</i> clinical strains	S. Stracquadanio
	ATP-binding cassette transporter mediates and regulates metronidazole resistance in <i>Clostridioides difficile</i>	X. Teng
	Cefepime/enmetazobactam is an innovative β -lactam/ β -lactam-derived β -lactamase inhibitor combination with increased <i>in vitro</i> potency against KPC Ω -loop variants involved in ceftazidime/avibactam resistance	M. Pampín García

	Chromosomally encoded OXA-23 transferred by recombination in <i>Acinetobacter baumannii</i>	K. Xanthopoulou
	Evaluation of cefiderocol stability against clinically relevant serine- and metallo- β -lactamases	A. Piccirilli
	High-level plazomicin exposure selects for mutations in <i>fusA</i> , <i>ratA</i> , and a novel two-component system in <i>Morganella morganii</i>	M. Castanheira
	Investigation of the β -lactam/ β -lactamase combination resistance mechanisms of <i>Bacteroides</i> species	D. Heo
	Heteroresistance to piperacillin-tazobactam in <i>Klebsiella pneumoniae</i> is mediated by increased copy number of multiple beta-lactamase genes	A. Babiker
	Co-selection of IncC plasmids carrying <i>bla</i> _{VIM-1} and IncFII plasmids carrying the mercury resistance operon (<i>merRTPCADE</i>) in <i>Escherichia coli</i> in presence of mercury.	P. Perez Palacios
	Impact of two missense mutations (p.I515M and p.A606D) in the <i>pbp2</i> gene of an MRSA strain on the development of resistance to dalbavancin and cell wall thickness	H. Lagler
	First report of resistance to aztreonam/avibactam and to cefiderocol in NDM-5 producers <i>E.coli</i> in Algeria	M.-A. Bachtarzi
	Changes in resistance phenotype in consecutive isolates of KPC-8-producing <i>Klebsiella pneumoniae</i> from a long-term colonised patient	F. Galán-Sánchez
	Presence of OXA-1 gene not predictive of Piperacillin-Tazobactam resistance among ESBL Enterobacteriales	M. Gitman
	Differences in oxazolidinone resistance mechanisms and small colony variants emergence of <i>Staphylococcus aureus</i> induced in an <i>in vitro</i> resistance development model	H. Lagler
	Molecular mechanisms of cefiderocol resistance in <i>Escherichia coli</i> , <i>Klebsiella pneumoniae</i> and <i>Pseudomonas aeruginosa</i> isolates from Peru	L.-A. Palomino Kobayashi
	Environmental reservoir of carbapenemase-producing <i>Klebsiella pneumoniae</i> ST35 and molecular characterisation of <i>incF</i> plasmids	L.-M. Pesaresi
	Presence of diverse metal resistance determinants amongst antibiotic-resistant bacteria from Peru	L.-A. Palomino Kobayashi
	Increased efficiency or periplasm stability? That is the question, in the evolution of KPC-2	L. Dabos
	Conformational changes in <i>Acinetobacter</i> -derived cephalosporinase (ADC) variants lead to enhanced cephalosporinase activity in <i>Acinetobacter baumannii</i> ; two mechanisms of deacylation	B. Wallar
	Assessing genetic diversity and similarity of carbapenemases-encoding plasmids in Gram-negative bacteria isolated from cases of bacteremia of Ecuador	G. Sevillano
	Trade-off between beta-lactam resistance and stability in Gram-positive class B1 penicillin binding proteins	M. Roch
	Delaying the emergence of cefiderocol resistance in NDM-producing <i>Enterobacter cloacae</i> complex using the combination cefiderocol-aztreonam <i>in vitro</i>	D. Nurjadi
	Cross regulation of IMI carbapenemase and intrinsic cephalosporinase AmpC in <i>Enterobacter cloacae</i> complex	C. Emeraud
	Mutations of <i>surA</i> and <i>pcoS</i> increase carbapenem resistance in <i>Klebsiella pneumoniae</i> with <i>bla</i> _{OXA-48}	M. Cremanns
	In-human reversion from methicillin-resistant to methicillin-susceptible <i>Staphylococcus aureus</i> leads to potential fitness benefit at the site of infection	A. Iizuka
	The analysis of cell wall morphological changes induced by betalactams in <i>Haemophilus influenzae</i>	L. Malisova
	Three major plasmid groups mobilize the most frequent third-generation cephalosporin resistance genes among <i>E. coli</i> isolated from poultry and human clinical samples in Switzerland	J.-E. Fernandez
	Comparative genomic analysis reveals the emergence of ST-2096 <i>Klebsiella pneumoniae</i> strains associated with the high transmissibility of <i>bla</i> OXA-232 in Oman	A. Arwa
	<i>In vitro</i> development of aztreonam-avibactam resistance in clinical isolates of NDM-1-producing <i>Klebsiella pneumoniae</i>	E. Fermér
	A delayed resistance evolution under combination treatment strategy in carbapenem-resistant <i>Klebsiella pneumoniae</i>	R. Wang
	A single point mutation in the promoter region of the <i>mgrB</i> gene induces colistin resistance in <i>Salmonella enterica</i>	J. Guitart-Matas
	Purification and enzyme kinetics of newly discovered metallo-beta-lactamase NWM-1	L.-M. Höfken
	Molecular characterisation of resistance mechanisms in cefiderocol-resistant Enterobacterales	P. Turowski
	Molecular and biochemical characterization of a putative <i>Pseudomonas</i> prolyl-4-hydroxylase involved in the resistance to siderophore conjugated antibiotics	F. Alshref
	Mutation in <i>mepM</i> confers salt tolerance in <i>Escherichia coli</i>	P. Nagpal
	Absence of LiaF increases daptomycin activity against <i>E. faecalis</i> in a rat model of infective endocarditis	C. Arias
	ACM-like enzymes, new subclass B3 metallo- β -lactamases identified in <i>Acinetobacter</i> spp.	C. Viguiet
	Transmission of <i>mcr-3</i> -carrying IncHI2 plasmids at high temperature through formation a hybrid plasmid	M. Li

In vivo development of cefiderocol resistance in carbapenem-resistant Acinetobacter baumannii associated with the downregulation of a TonB-dependent siderophore receptor, PiuA	J. Findlay
Molecular characterisation of fluoroquinolone resistance in invasive clinical isolates of Streptococcus pneumoniae susceptible to delafloxacin	E. Cercenado
A strain of Serratia marcescens exhibiting high-level tolerance to meropenem	X. Chu
Mutation in piuA promoter mediated reduced cefiderocol susceptibility in Acinetobacter baumannii	X. Liu
Analysis of two class A β-lactamases from Nocardia brasiliensis (BRA-1 and BRA-2) and associated β-lactam resistance	H. Jacquier
Tolerance detection among Enterococcus gallinarum bloodstream isolates	J. Strahilevitz
The cooperative interaction of penicillin-binding proteins (PBPs) in Enterococcus faecalis promotes resistance to beta-lactams	P. Conti
Genomic framework of Klebsiella pneumoniae high-risk clone sequence type 101 and the CZA resistance evolution by the novel KPC-111 variant	R. Polani
Carbapenem resistance determinants in integrons and related mobilisable elements in KAPEc isolates from Peru	L.-A. Palomino Kobayashi
In vitro selected V562L substitution outside the PBP3 transpeptidase region in Haemophilus influenzae results in increased MIC of cefuroxime	V. Jakubu
Fosfomycin resistance associated with chromosomal fosA gene overexpression in Klebsiella pneumoniae clinical isolates	Á. Ribeiro
Evolution of viscosity due to the wzc mutation in Klebsiella pneumoniae isolates producing KPC-31 carbapenemase variant from a single patient	V. Capitani
Population analysis, mutant prevention concentrations and characterisation of resistance mutations to novel β-lactams in wild-type, mutator, and high-risk clones of Pseudomonas aeruginosa	M.-À. Sastre Femenia
The role of tpiA: a key metabolic enzyme in regulating drug-resistance and virulence in Klebsiella pneumoniae	A. Zhang
LiaF has an activator role in the LiaR-mediated response against daptomycin (DAP) in Enterococcus faecalis (Efs)	C. Arias
ST39 K. pneumoniae harboring an IncM1-plasmid promotes clonal and plasmid-mediated OXA-48 transmission in a Swiss institution	D. Andrey
Molecular analysis of the carbapenem resistance mechanism of a Phocaeicola vulgatus strain	B. Mahmood



12:00 - 13:30 **Poster Area**

3e. Resistance detection / prediction approaches (rapid and/or molecular assays, resistome analysis, inference methods)

Adaptation of an antibiotic disc-based assay for improved detection of carbapenemases in Enterobacterales	M. Jago
Comparative analysis of prediction values for antimicrobial resistance of Staphylococcus aureus using MALDI-TOF mass spectra and various machine learning programs	W.-Y. Wang
High accuracy and prediction values for mecA+ methicillin-resistant (MRSA) and phenotypic oxacillin-resistant Staphylococcus aureus (ORSA) on the basis of MALDI-TOF MS by using machine learning approach	W.-Y. Wang
Evaluation of blood culture identification and antimicrobial resistance instrumentation for detection of antimicrobial resistance markers	R. Maynard
Evaluation of an immunochromatographic test for rapid detection of patients colonised with carbapenemase-producing organisms from broth-enriched rectal swabs	M.-P. Freire
Evaluation of an immunochromatographic method (NG-TEST CARBA-5) for detection of different allelic variants of KPC, NDM, IMP and VIM carbapenemases in Enterobacterales (ETB) and Pseudomonas aeruginosa (PAE) isolates	F. Pasteran
Epidemiology of carbapenemase-producing Enterobacterales (CPE) and a proposed adequate phenotypic methods for carbapenemase detection	Y.-H. Seo
MultiRapid NP test for detecting concomitantly susceptibility and resistance of last resort novel antibiotics available to treat multidrug-resistant Enterobacterales infections	O. Raro
Evaluation of the ability of the Gene Xpert Carba-R system to detect KPC and IMP carbapenemases variants	A. Corso
Detection of lipid A by MALDI-TOF for colistin heteroresistant strains	N. Perrot
Cefiderocol resistance genes identified using functional metagenomics	R. Gschwind
Genetic determinants against therapeutically relevant antibiotics in 26,557 publicly available genome sequences from Clostridioides difficile isolates	B.-S. Kolte
Rapid detection of third-generation cephalosporin resistance in Enterobacterales directly from positive blood cultures by an electrochemical test	P. Thelen
CRISPR-Cas12a-based GES carbapenemase detection assay: a pilot study	S. García García
Rapid detection of aztreonam/avibactam susceptibility by MALDI-TOF MS in a collection of β-lactamase producing Enterobacterales	A. Candela

	Tracking clonal and plasmid transmissions in colistin and carbapenem resistant <i>Klebsiella pneumoniae</i>	S. Reuter
	Standardisation of an agglutination test for detection of clinical isolates producing carbapenemases	V.-S. André
	Carbapenemases screening of high-risk patients with a commercial test: a 4-year follow-up study	F. Janvier
	A pooling strategy for detecting carbapenem resistance genes by a commercial test in rectal swab specimens	F. Janvier
	Uncovering genetic markers of antimicrobial resistance in <i>Bacillus anthracis</i> using comparative genomic analysis	T. Maxson
	Lateral flow assay phenotypically detects bacterial growth for antibiotic susceptibility testing	E. Melzer
	XDR nosocomial <i>Pseudomonas putida</i> driving a plasmid- <i>bla</i> _{VIM-1} gene	L. Ruiz-Roldán
	Occurrence of β -lactone synthesis among OXA-48-like carbapenemase-producing bacteria collected in the Czech Republic and the implication for MALDI-TOF MS-based carbapenemase detection	V. Heringová
	Evaluation of a modified carbapenem inactivation method for detection of carbapenemases in Enterobacterales: results of a multi-centre surveillance study in Turkey	E.-S. Tanriverdi
	Iridium oxide-based biosensors towards the quantification of ESBL production	J. Lawrence
	Chip-based molecular detection of beta-lactam resistance in pathogen-positive blood cultures	V. Ivagnes
	Including structural information complements antibiotic susceptibility prediction methods in <i>M. tuberculosis</i> and <i>E. coli</i>	V. Brunner
	From phenotype to genotype: mapping the epidemiology of carbapenemase-producing Enterobacteriaceae using whole genome sequencing	P. Suarez-Urquiza
	Polymerase chain reaction blood sample genotype results accurately predict blood culture resistance phenotypes and aid in optimal antimicrobial selection	J. Argotsinger
	Refined algorithm for detection of OXA-48-like carbapenemase producing Enterobacterales	P.-M. Keller
	Indeterminate CPE testing – what are the chances?	J.-A. Houlihan
	Carbapenemase detection by flow cytometry: a rapid and promising technology	B. Pérez Viso
	Resistome description of multidrug-resistant <i>Acinetobacter baumannii</i> and <i>Pseudomonas aeruginosa</i> isolated from Ukrainian military patients	M. Latorre-Millán
	The rapid detection of carbapenem resistance by using fluorescence flow cytometry analyser	S.-A. Özyar Kurtçu
	Evaluation of the DNA microarray, sepsis flow chip assay for the rapid detection of microorganisms and resistance genes directly from positive blood cultures	P. Thongkoom
	Genomic analysis of <i>Klebsiella pneumoniae</i> clinical isolates from greek hospitals resistant to β -lactams/ β -lactamase inhibitor combinations	O. Koutsopetra
	Reducing rectal carriage of carbapenemase-producing bacteria in general wards: the impact of implementing a modified Blue-Carba test to guide infection control	F. Pasteran
	Evaluation of a molecular test for H. pylori & Clarithromycin resistance from stool reveals a highly efficient non-invasive diagnostic tool	Y. Mali
	Early life factors influencing the gut resistome and mobilome: meta-analysis	A. Bargheet
	Investigation of the presence of tolerance in <i>Escherichia coli</i> isolates isolated from urine cultures	E. Buyukyanbolu
	Comparison of modified hodge test and carbapenem inactivation method in carbapenemase producing <i>Klebsiella pneumoniae</i> isolates	F.-M. Akilli
	Effect of rapid carbapenemases detection-guided antibiotic therapy on clinical response in patients with intra-abdominal infections (RAPID): protocol for a randomised controlled trial	J. Wang
	<i>Mycoplasma genitalium</i> , drug resistance, nucleic acid detection; introducing a new external quality assessment scheme	K. Luiro
	Analytic and clinical validation of a lab-developed multiplex-PCR assay for fully-automated high-throughput detection of seven carbapenemase genes for isolate characterization and primary patient screening.	D.-S. Noerz
	Evaluation of the novel French disc diffusion-based algorithm for the phenotypic screening of carbapenemase-producing Enterobacterales	L. Dortet
	Deciphering the molecular basis of colistin-resistant <i>Escherichia marmotae</i>	U. Binsker
	Resistome and plasmid content of ceftazidime/avibactam Resistant <i>Klebsiella pneumoniae</i> strains isolated in a transplant and highly specialised therapies centre	A. Mirabile
	Comprehensive whole exome sequencing correlates with antimicrobial resistance genes acquired by two Indian clinical isolates of <i>Klebsiella pneumoniae</i> : first report	D. Desai
	Rapid Combo ESBL/Carba NP test for rapid detection of expanded-spectrum β -lactamase and carbapenemase producers in Enterobacterales	C. Viguier
	Indirect detection of blaKPC in <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> by MALDI-TOF mass spectrometry: a single centre experience	M. Dalla Valle Martino
	Performance of an automated method for screening carbapenem-resistant <i>Enterobacterales</i> (CRE) compared to a reference method	M. Dalla Valle Martino
	KPC enzymes with new mutations: the new challenge of clinical microbiology laboratory	A. Mazzariol
	Evaluation of the commercial test for the rapid detection of third-generation cephalosporins resistance in Enterobacterales on early culture of positive blood cultures	M. Bonnet
	Deciphering the evolution of the infant intestinal resistome	A. Samarra Mas

Deciphering the genome of a <i>Acinetobacter seifertii</i> (Asf) strain showing co-resistance to carbapenems and polymyxin B in Brazil	A. Rodrigues
Performance of MBT Lipid Kit for rapid screening of colistin resistance in <i>Klebsiella pneumoniae</i>	S. Lockwood
Rapid temocillin resistance detection by a colorimetric test	J.-L. Rodríguez Ochoa
Economic impact of rapid molecular diagnostic testing in management of carbapenem-resistant <i>Enterobacteriaceae</i> in high risk patients in the UK	I. Odeyemi
Evaluation of whole genome sequencing to predict quinolones susceptibilityphenotypes in non-typhoidal <i>Salmonella enterica</i> .????	M.-A. Rodríguez-Iglesias
Landscape of open-access antimicrobial resistance gene catalogues	C. Centner
Genomic diversity and resistome of <i>Acinetobacter baumannii</i> from a hospital in Paraguay	E. Bello-Lopez
New protocol for rapid detection and differentiation of carbapenemases in rectal swabs by laser nephelometry, mass spectrometry and lateral flow assay	D. Josa
Rapid characterisation of antimicrobial resistance genes by PCR and reverse hybridisation in rectal swab samples from colonised patients	D. Josa

12:00 - 13:30	Poster Area
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3f. Clinical outcome of resistant infections (retrospective and prospective studies, excl clinical trials of new drugs)	
Comparison of the clinical outcomes of patients with carbapenem-resistant and susceptible <i>Pseudomonas aeruginosa</i> in Japan	S. Saito
Comparison of clinical outcomes and molecular epidemiology between fluoroquinolone-susceptible and resistant carbapenem-resistant <i>Enterobacterales</i> : a multicentre study from multi-drug resistant organisms clinical research network (MDRnet)	K. Taketo
<i>Bla_z</i> betalactamase impacts treatment outcomes in infective endocarditis due to methicillin-sensitive <i>Staphylococcus aureus</i>	B. Jean
Carbapenem-based antibiotic regimen in the treatment of carbapenemase-producing <i>Enterobacterales</i> infections: a retrospective cohort study	B. Hoellinger
Risk factors and outcomes of linezolid- and vancomycin-resistant <i>E. faecium</i> infections: a case-control study	F. Sangiorgi
Resistance to novel β -lactam/ β -lactamase inhibitors among carbapenem-resistant <i>Pseudomonas aeruginosa</i> and clinical implications in the prospective observational <i>Pseudomonas</i> (POP) study	L. Gottesdiener
Mortality and morbidity attributable to infections caused by carbapenem-resistant <i>Enterobacterales</i> – initial results from a matched cohort study in Vietnam	Q.-T. Le
Effect of antimicrobial stewardship actions on broad-spectrum antibiotic usage and resistance patterns of Gram-negative isolates at a district general hospital	E. Senior
The changing epidemiology and long-term outcomes of patients with CRE infections	R. Shields
<i>In vitro</i> activity of sulbactam/durlobactam in combination with cefepime against Gram-negative bacterial isolates from a recent Phase 3 clinical trial	S. Mcleod
Cefiderocol for the treatment of infections by VIM-type-producing Gram-negative bacteria	C. Kirkegaard Biosca
The emergence of difficult to treat <i>Klebsiella pneumoniae</i> in COVID-19 patients in a Vietnamese tertiary hospital	T.-Q.-N. Le
Reappraisal of mortality risk associated with cefiderocol based therapy for treatment of carbapenem resistant <i>Acinetobacter baumannii</i> infections: a real-world comparative effectiveness study from 201 US hospitals	M. Walker
Use of novel β -lactam- β -lactamase-inhibitors in adult cystic fibrosis medicine: a 5-year monocentric retrospective analysis	J.-T. Othmer
A real-world study on efficacy, safety, and cost-effectiveness of ceftazidime-avibactam and polymyxin B for the treatment of CRE infections	C. Dayu
Multidrug-resistant organism bloodstream infections in solid organ transplant recipients and impact on mortality: a systematic review	A. Liu
A recursive partitioning approach to identify prognostic factors associated with mortality at time of infection in patients with carbapenem-resistant <i>Enterobacterales</i> infection	Y. Cai
β -lactam resistance mechanisms in baseline <i>Enterobacterales</i> from the REVIST and ASSEMBLE aztreonam-avibactam Phase 3 clinical trials	R.-E. Mendes
Resistance Optimised Antibiotic Dosing (The ROAD Study): is beta-lactam dosing optimised to prevent the emergence of antibiotic resistance safe and feasible in the ICU?	J. Roberts
Impact of colistin MIC on outcomes: results from the OVERCOME trial comparing colistin monotherapy and colistin + meropenem combination therapy	J. Pogue
Ceftazidime/avibactam alone or in combination to treat infections caused by <i>Pseudomonas aeruginosa</i> : preliminary reports from a retrospective observational multi-centre cohort study	P. Valsecchi
The production of OXA-2/10 β -lactamases is a risk factor for resistance development to ceftolozane/tazobactam and ceftazidime/avibactam during the treatment of <i>Pseudomonas aeruginosa</i> infections	I. López Montesinos

Black females hospitalised in the United States have worse outcomes after carbapenem-resistant Enterobacterales (CRE) bloodstream infection (BSI)	F. Ruffin
Resistance to third generation cephalosporins is associated with increased all-cause mortality at 1 year among patients with Enterobacterales clinical isolates	H. Henderson
Comparison of piperacillin-tazobactam and carbapenem strategies in ESBL-producing Enterobacteriaceae urinary tract infections	L. Neves
Outcomes of adult patients with multidrug-resistant <i>Acinetobacter baumannii</i> ventilator-associated pneumonia (VAP) treated with monotherapy versus combination therapy in a tertiary hospital	L.-J.-K. Yee
Characteristics and outcomes of resistant Gram-negative infections treated with cefiderocol in a multi-centre institution	O. Funk
Outcomes of intermittent versus extended infusion of common beta-lactams in <i>Pseudomonas aeruginosa</i> infections where minimum inhibitory concentration is at the susceptibility breakpoint	M. Klatt
Analysis of clearance and infection rates according to the genotype in patients with carbapenemase-producing Enterobacterales co-colonization	L. Jiyoung
Excess mortality due to antimicrobial resistance in bacteraemias among cancer patients in Oxford and Oslo, 2008-2018	A. Skyrud Danielsen
Use of cefiderocol to treat carbapenem resistant <i>Acinetobacter baumannii</i> NDM-producing strains	G. Travi
Risk factors for carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB) ventilator-associated pneumonia (VAP) in critically ill patients with respiratory CRAB colonisation	S. Covino
MIC increase in <i>Clostridioides difficile</i> isolates from patients with recurrence: results from a retrospective single-centre cohort study	P. Valsecchi
HAI mortality in acute hospitals in Spain 2022-2023	L.-M. Parra
Risk factors and clinical outcomes associated with the acquisition of New Delhi metallo-beta-lactamase (NDM) in <i>Enterobacterales</i> : a single-center study	R. Aronica
A single hospital-based study on the profile and outcomes of patients treated with Polymyxin B: the difficulties for controlled clinical trials	C. Kiffer
Prevalence of antimicrobial resistance in patients with cancer in the outpatient setting: a multicentre analysis	D. Flayhart
Use of ceftaroline for treatment of bacteremia in Colombian paediatric patients: a descriptive study of 34 patients	N. González-Leal
Real world data for novel β -lactam/ β -lactamase inhibitors: a prospective single-institution study	P.-M. Voutsinas
Management of febrile neutropenia in hematologic patients colonized by OXA-48-producing <i>Enterobacter cloacae</i> : experience from a tertiary-level hospital	M. Rodríguez Fernández
Is cefepime safe to treat infections caused by <i>Escherichia coli</i> or <i>Klebsiella pneumoniae</i> that display an ESBL phenotype? Results from a systematic review and meta-analysis of clinical studies	G. Menchinelli

12:00 - 13:30	Poster Area
3g. Spread of resistance (incl carriage, reservoirs, ecology, models, excl nosocomial transmission)	
Characterising the loss and acquisition of Tn2-like transposon in <i>Klebsiella pneumoniae</i> : implications for carbapemase gene dissemination	X. Yu
Antimicrobial resistance prevalence varies by age and sex in bloodstream infection in European hospitals	G. Knight
First report of colistin-resistant <i>Escherichia coli</i> carrying mcr-1 IncI2(Δ) and IncX4 plasmids from camels (<i>Camelus dromedarius</i>) in the Gulf region	A.-A. Ghazawi
Antibiotic resistance profiles of <i>Escherichia coli</i> from wastewater treatment plants in the full water cycle in Barcelona, Spain	L. Mondéjar Traveria
Exploring the dynamics of <i>Staphylococcus</i> spp. in wild bat populations: insights into antibiotic resistance and microbial adaptation	V. Silva
Profile of bacterial infections in COVID-19 time in a health area	M.-J. Gutiérrez Fernández
Comparison of antibiotic resistance in <i>Aeromonas</i> spp. between clinical isolates and food animals in Hong Kong	C.-K.-C. Lai
Spread of plasmidic <i>bla</i> _{OXA-58} , <i>bla</i> _{NDM-1} and <i>bla</i> _{IMP-14} among three different <i>Acinetobacter</i> spp.	P. Bogaerts
The potential for antimicrobial resistance in highly transferable strains of <i>Haemophilus influenzae</i>	T. Wajima
<i>Pseudomonas aeruginosa</i> carriage and associated risk factors in patients and healthy individuals	A. Van Veen
How to measure bacterial genome plasticity? New insights and implications for pathogens	S. Gaiarsa
Global colistin-resistance mcr-1 plasmid epidemiology: mystooking the part for the whole, or how Asia does not mean the whole world	B. Garcias
Characterisation of bacterial isolates throughout the entire water cycle in Barcelona, Spain.	V.-D.-P. Ballén Torres

	Increased abundance of ESBL producing Enterobacterales in municipal wastewater receiving hospital effluent during and after the COVID-19 pandemic	L. Aguilar Bultet
	AVIAR, arthropods as vectors of infection and antimicrobial resistance: a global study update	E.-A.-R. Portal
	Identifying risk factors for carbapenem-resistant <i>Acinetobacter baumannii</i> carriage upon admission: a case-case control study	D. Ben-David
	The overlooked pandemic in the shadow of COVID-19: antimicrobial use and resistance data, a Romanian single-centre study	C. Agnes
	Black-headed gulls as a reservoir for multidrug-resistant high-risk clonal Enterobacterales	J. Bredecke
	Extended co-colonisation of IncX3-type plasmid harbouring <i>bla</i> _{NDM-5} among non-clonal <i>Escherichia coli</i> in a dog	J. Menezes
	Nasopharyngeal bacterial carriage and antibiotic resistance in children with sickle cell disease: DREPANOACT a French multicentric prospective study	L.-L. Pham
	Paws and pathogens: co-carriage of ESBL-producing Enterobacterales strains between companion animals and owners	J. Menezes
	Spreading colistin resistant <i>Klebsiella pneumoniae</i> Rabta Tunisian hospital	M. Zribi
	Potential for widespread dissemination of <i>bla</i> _{OXA-370} in a new genetic context within IncN2 Plasmids of <i>Klebsiella pneumoniae</i> ST6326 – KL151	Á. Ribeiro
	Penicillin allergy is associated with increased resistance in <i>Streptococcus pneumoniae</i>	S. Ahmed
	Impact of sub-inhibitory concentrations of chlorhexidine on <i>in vitro</i> horizontal transfer of vancomycin and linezolid resistance genes in <i>Enterococcus faecium</i>	C. Novais
	Local circulation of ESBL genes: what is behind the scenes?	B. Timmer
	Analysis of plasmid-mediated ESBL production and colistin resistance in <i>Escherichia coli</i> from pig nostrils: a new reservoir of concern?	S.-A. Martínez Álvarez
	Inter-species transmission of a <i>bla</i> _{VIM-2} carrying plasmid during an hospital outbreak of VIM-producing <i>Pseudomonas</i> spp.	E.-M. Walle
	Recurring import of an endemic pstS-null ST-1421 vancomycin-resistant <i>Enterococcus faecium</i> from Australia to the United States	B. Jones
	Genomics analysis of methicillin-resistant <i>Staphylococcus aureus</i> : detection of the clonal lineage ST398 in wild birds from Brazil	J.-K. Palmeiro
	Monitoring clinically important antimicrobial-resistant bacteria in wastewater and clinical samples from children's hospital	H. Baba
	Antibiotics and the gut microbiome: potential roles in persistent gut colonization with ESBL-producing Enterobacterales among Peruvian children	M. Nadimpalli
	Presence of pharmaceutical contaminants and antibiotic-resistant bacteria across diverse environmental matrices within a Brazilian lagoon ecosystem	J.-K. Palmeiro
	Microcosmic matters: assessing micropollutants and evaluating removal efficiency in urban wastewater treatment plants	P. Sharma
	Sinks as a reservoir of ceftazidime-avibactam resistant ST307 <i>K. pneumoniae</i> high-risk clone harbouring novel <i>bla</i> _{KPC} variants in a hospital in Spain	M. Hernández-García
	Variability of multidrug-resistant Enterobacterales prevalence carriage and interfacilities connections across a large nursing homes network	C. Ferriot
	e-DNA approach to assess the antimicrobial resistance genes in the coastal sediments of India	P. Gawande
	Bacterial diversity in choanal swabs from free-living pelicans in Greece. High frequency of methicillin-susceptible <i>S. aureus</i>	T. Cardona-Cabrera
	Plasmid sharing between cephalosporin-resistant commensal bacteria and enteropathogens in Vietnamese community	P. Pham
	Antibiotic resistance in Italian urban wastewater: exploring of antibiotic-resistant bacteria (ARBs), antibiotic resistance genes (ARGs), and microbial communities	G. Bonanno Ferraro
	Diversity and dynamics of <i>Pseudomonas</i> spp. in ICU sinks with long-term persistent clones carrying <i>bla</i> _{GES} and <i>bla</i> _{VIM} far beyond outbreaks	B. Catalá-Sánchez
	NDM-producing clone of <i>Klebsiella pneumoniae</i> ST6668 (CC147) keeps spreading in the Pavia area, Italy	I. Mileto
	High household co-carriage of extended-spectrum beta-lactamases in Hong Kong	K.-O. Kwok
	That sinking feeling: destructive u-bend sampling reveals common OXA-48 plasmids among Enterobacterales in an environmental reservoir	A. Kearney
	Effect of various strategies of antibiotic de-escalation and continuous ciprofloxacin on the intestinal microbiota and its colonization by multidrug resistant <i>E. coli</i> in a murine experimental model	Q. Le Bastard
	Unexpected cefiderocol resistance in <i>Stenotrophomonas maltophilia</i> associated to the genogroup 4 genetic background	C. Sakr
	Inter- and intraspecies spread of mcr-1 between twenty-nine distinct Enterobacteriaceae isolates from one patient	B. Zheng
	The veterinary hospital as a cross-infection hub of multidrug resistant bacteria	T. Zilberman Daniels
	Large DNA fragment transposition during natural transformation allows interspecies dissemination of antimicrobial resistance genes	T. Lima
	Urban and rural free-ranging hedgehogs as sentinels of environmental extended-spectrum beta-lactamase producing enterobacterales	T. Zilberman Daniels

Long persistence of <i>Citrobacter freundii</i> carrying <i>bla</i> _{VIM-1} encoding plasmids in water systems in an intensive care unit	N. Guerra Pinto
<i>Klebsiella pneumoniae</i> ST307 and its multidrug-resistant plasmids in the environmental water reservoir of an intensive care unit.	N. Guerra Pinto
Host distribution, dissemination and mobile genetic context of the NpmA gene in <i>Clostridioides difficile</i> populations	C. Serna
Resistance to critically important antibiotics in meat sold for consumption	J. Sealey
Plasmid location of carbapenemase encoding genes in Enterobacterales co-harboring two carbapenemases	M. Hernández-García
Antimicrobial resistance of <i>Mammaliicoccus</i> species and staphylococci other than <i>Staphylococcus aureus</i> isolated from retail beef in KwaZulu Natal, South Africa	T. Thwala
A few days of parenteral colistin therapy markedly selects colistin-resistant Enterobacteriaceae in the gut flora of critically ill Indian patients	J. Bhowmick
Vancomycin-resistant <i>Enterococcus faecium</i> in black-headed Gulls (<i>Chroicocephalus ridibundus</i>): nosocomial clonal complex 17 detected in wild birds	B. Koleszár

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12:00 - 13:30	Poster Area
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3h. Policy aspects of AMR (incl societal impact, economics, mitigation)	
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Expert consensus on antimicrobial resistance research priorities to guide antibacterial vaccines and monoclonal antibodies development and implementation	N. Hassoun-Kheir
Evidence-based policy for mitigating AMR in Lao PDR: an intervention-implementation research approach	S. Sayasone
Global costing of key AWARe antibiotics	F. Djukic
Meri-no or meri-yes: that is the question! Healthcare professional preferences in managing piperacillin/tazobactam-susceptible ESBL-producing Gram-negative bacilli bacteremia at an university hospital in Spain	P. Favier
Local antimicrobial resistance surveillance in nursing homes using lot quality assurance sampling	S. Kuil
Globally antimicrobial stewardship programs are lagging behind: an example of the need for a people-centred comprehensive approach to address antimicrobial resistance	Z. Dobрева
Current global total and AWARe global antibiotic use are inversely related to infectious disease burden and not equitable.	A. Cook
Estimation of the annual burden of infections caused by multidrug-resistant bacteria in hospitalised patients in Spain: the SEIMC_BMR-2023 study	J.-M. Cisneros
Economic costs associated to antimicrobial resistance among newborns with bloodstream infection in a maternity hospital in Peru	M.-J. Pons
Antibiotic resistance watch: Gaza's post-war preparedness	A. Farra
Minimum inhibitory concentration distributions of worldwide clinical bacterial isolates vary by patient age and other key variables	J. Wildfire
Evidence on the intersection of the social determinants of health and antibiotic resistant (ABR) infections: a systematic review	A. Shutt
Globally there has been a fragmented approach to AMR national action plan implementation – results of trend analysis of the one health and human health indicators in the tracking AMR country self-assessment survey (TrACSS)	P. Padiyara
Cost impact of implementing carbapenemase-producing Enterobacterales (CPE) screening guidelines in France	I. Odeyemi
High levels of antibiotic resistance: latest insights from WHO's GLASS surveillance system	O. Tosas Auguet
Practices and drivers for antibiotic use in cattle production systems in Kenya	L. Kisoo
Differences in patient access to antimicrobial medicines in Europe	E. Bacheva

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12:00 - 13:30	Poster Area
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6a. Fungal disease epidemiology	
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Manifestations and risk of cryptococcosis in liver transplant candidates	W.-T. Tsai
The Cologne ECMM Excellence Center: a comprehensive evaluation of its external consultation service for invasive fungal infections over two years	J. Salmanton-Garcia
Assessing diagnostic capabilities and treatment accessibility for invasive fungal infections in the Balkan Region	J. Salmanton-Garcia
Exploring invasive fungal infection diagnosis and treatment: a cross-continental comparison between Brazil and Europe	J. Salmanton-Garcia
A review of coccidioidomycosis occurrence in Europe	P. Shastri

	Otomycosis: the foremost etiological agent causing otitis externa and the antifungal susceptibility pattern in Iran	M. Khansari
	The tale of two seas: the Black and the Mediterranean regarding clinically relevant fungi	M. Mares
	Whole genome sequencing of <i>Candida glabrata</i> isolates in Korea: unveiling nosocomial transmission and antifungal resistance mechanisms	J.-H. Shin
	Clinical outcomes of <i>Candida auris</i> fungemia at an academic medical centre	Y. Wang
	Attributable mortality of candidaemia: results from the ECMM Candida III multinational European observational cohort study	J. Salmanton-Garcia
	Higher <i>Blastomyces dermatitidis</i> initial antigen levels associated with disseminated disease, use of amphotericin B, and mortality	C. Ewing
	High rates of azole resistant <i>Aspergillus fumigatus</i> in Asia: results from a systematic review	S. Chowdhury
	Clinical characteristics of hospitalised adults with invasive pulmonary aspergillosis: a single-institution retrospective study (2013-2022)	S. Araújo
	Invasive fungal infections in solid organ transplant recipients	C.-M. Ayaz
	Risk of <i>Candida auris</i> infection following positive surveillance screening	E. Drwiega
	Mandatory notification of human cases of cat-transmitted sporotrichosis (CTS) caused by <i>Sporothrix brasiliensis</i> in Southern Brazil indicates expressive raising of zoonosis in the State	F. Bridi Cavassin
	Epidemiology, clinical manifestations, and outcome of mucormycosis in solid organ transplant recipients: a systematic review of reported cases	E. Palomba
	Epidemiology and clinical outcomes of histoplasmosis among kidney transplant recipients	C. Agnelli
	Culture-positive sporotrichosis: the ten-year Mayo Clinic experience	R. Igwilo-Alaneme
	Mycological trends (1999-2019) in patients treated for postoperative peritonitis	P. Montravers
	Impact of lactate dehydrogenase, bacterial and cytomegalovirus co-infections on mortality in non-HIV-infected patients with <i>Pneumocystis jirovecii</i> pneumonia	B. Mizrak
	Point prevalence study of <i>Candida auris</i> in a tertiary hospital in Crete, Greece	P. Ioannou
	Incidence of invasive pulmonary aspergillosis according to basal thoracic computed tomography findings in patients with newly diagnosed acute myeloid leukaemia	B. Erturk Sengel
	A retrospective study on profile of <i>Pneumocystis jirovecii</i> pneumonia among cancer patients of a tertiary care cancer centre in eastern India	S. Chatterji
	Emergence of fluconazole-resistant <i>Candida parapsilosis</i> in a population of burn patients	G. Tebano
	Aspergillosis in patients with lymphoproliferative malignancies: new population at risk?	A. Falcó Roget
	The state of laboratory mycology in France in 2023: a survey from the European Confederation of Medical Mycology (ECMM), International Society for Human and Animal Mycology (ISHAM) and French Society of Medical Mycology (SFMM)	F. Botterel
	Positivity of galactomannan and fungal culture in bronchoalveolar lavage early after lung transplantation as risk factors for invasive aspergillosis and chronic lung allograft dysfunction	R. Bitterman
	Audit of paediatric candidaemia using the European Confederation of Medical Mycology (ECMM) Quality (EQUAL) of clinical candidaemia management score	C. Mccarron
	Mucormycosis in Colombia: the relevance of <i>Cunninghamella</i> spp. in the epidemiological landscape	I. Ramirez
	Invasive fusariosis in patients with haematological malignancies: a single-centre experience in Colombia	I. Ramirez
	Epidemiologic investigation of a potential <i>Candida auris</i> hospital outbreak in Rio de Janeiro, Brazil	M. Oliveira Bastos
	Clinical characteristics of endemic mycoses in HIV and non-HIV individuals: a 23-year retrospective study in a university hospital in Thailand	Y. Taechasansiri
	Skin colonisation by <i>Candida auris</i> and the associated risk of bloodstream infection	S. Pourmaras
	Anti-GM-CSF autoantibodies predict outcome of cryptococcal meningitis in patients not infected with HIV: a cohort study	Y.-K. Jiang
	Invasive fungal infections (IFIs) and survival of acute myeloid leukemia (AML) patients at 12 months after AML diagnosis	A. Micozzi
	The virulence potential of <i>Prototheca</i> microalgae as assessed by histopathological and microbiological studies in a murine model	A. Proskurnicka
	Epidemiology of candidaemia in Czech Republic in 2023	P. Lyskova
	Real-world epidemiology and risk factors of invasive fungal infections in haematologic patients in the era of new oncologic therapies and antifungal prophylaxis	P. Monzo Gallo
	<i>Clavispora lusitaniae</i> invasive infection in two immunocompromised patients	F. Prativiera
	Clinical characteristics and outcomes of invasive mucormycosis following allogeneic haematopoietic stem cell transplantation	Y. Sun
	A laboratory experience on infection control after <i>Candida auris</i> isolation in neurology ICU	B. Irmak
	A retrospective study of candidaemia and <i>Candida auris</i> colonisation in a tertiary hospital	S. Kamariotis
	Epidemiology of candiduria in hospitalised patients: evolution and predictive value for candidaemia	J. Ciscar-Soriano

	Impact of breakthrough status on mortality in patients with haematological malignancies (HM) and invasive pulmonary aspergillosis (IPA): a propensity score-matched analysis	S.-Y. Cho
	Preliminary results of the epidemiology of invasive fungal infections in patients with haematological malignancies in the greater Paris area between 2017 and 2022	E. Gras
	CANDINEG Registry: is it worth performing a fundoscopy examination in all patients affected by candidaemia?	M. Pérez López
	Fusariosis in patients with acute leukaemia: a 26-case series	R.-K. De Luca Ito
	Baseline IgG <i>Aspergillus</i> and SGRQ at 3 months can predict the occurrence of chronic pulmonary aspergillosis at end-of-therapy in newly diagnosed pulmonary tuberculosis patients	A. Ray
	Association between allergic bronchopulmonary aspergillosis and tuberculosis: a systematic review of 397 cases in literature	A. Ajayababu
	Contribution of <i>Aspergillus fumigatus</i> and <i>A. flavus</i> to invasive aspergillosis and azole resistance: results from a national surveillance programme in Israel	R. Ben-Ami
	Changes in species distribution, antifungal resistance, and outcomes of candidemia at two south korean tertiary hospitals: a 9-year retrospective study	A. Lee
	Epidemiology of <i>Candida auris</i> asymptomatic colonisation in a Greek intensive care unit	S. Pourmaras
	How paediatric epidemiology and outcome of yeast fungemia differ from adults	F. Alby-Laurent
	Update on the antifungal susceptibility pattern of <i>Trichophyton</i> isolates in Greece: alarming rise in terbinafine-resistant <i>T. indotineae</i>	M. Siopi
	Association between allergic bronchopulmonary aspergillosis, aspergillus sensitisation and chronic obstructive pulmonary disease: a systematic review of 369 cases in literature	A. Ajayababu
	Underdiagnosis of invasive fungal infections amongst inpatients in Ireland: a national retrospective study of discharge diagnoses	J. Hebert
	Update on the Iranian <i>Candida auris</i> isolates, a retrospective analysis	H. Badali
	<i>Candida</i> osteoarticular infections: a case series of cancer patients from an oncological tertiary centre since 2018	A. Magri
	Risk factors, complications and mortality associated to intravascular <i>Candida</i> infection: CANDINEG database results	C. Ramírez
	Invasive pulmonary aspergillosis in heart transplant recipients: contemporary incidence, characteristics and outcomes	M. Machado
	Epidemiology of superficial mycoses in Tenerife Island	A. Martín
	Invasive aspergillosis in patients with liver disease: a comprehensive analysis of characteristics, risk factors, and outcomes	A. Giacinta
	Infection prevention, antimicrobial stewardship and genome sequencing interventions to control an outbreak of <i>Candida auris</i> in adult and paediatric intensive care units	R. Rosa
	Changing trends in the sources and volumes of clinical cultures with <i>Candida auris</i> at an integrated health system in Miami, Florida, 2019-2023	R. Rosa
	Development of a diagnostic score for disseminated histoplasmosis in a cohort of HIV patients	J.-A. Hoyos Pulgarin
	Evaluation of pulmonary aspergillosis in COVID-19 patients admitted to intensive care unit	A. Vaezi
	Characteristics and outcomes of <i>Pneumocystis</i> pneumonia in different immunocompromised populations	J.-T. Solera Rallo
	Prospective evaluation of septic shock patients with culture-proven <i>Candida</i> spp in a tertiary care educational university hospital: a series of 103 cases	G. Sanlidag I?Sbi?Len
	Exploring the dynamics of the epidemic <i>C. parapsilosis</i> bloodstream infections in a tertiary university hospital in Greece	J. Meletiadis
	Colonising <i>Candida</i> in the ICU: the impact of antifungal exposure on epidemiology and resistance	P. Allebone-Salt
	Risk factors and outcome associated with fungal infections in patients with severe burn injury: 10-year retrospective IFI-BURN study	S. Delliere
	Mycophenolic acid selects specific strains responsible for <i>Pneumocystis</i> pneumonia (PCP) in organ transplant recipients: probable implication in PCP outbreaks	G. Nevez
	Epidemiology and risk factors for mortality in a large cohort of patients diagnosed with proven/probable invasive aspergillosis	M. Rinaldi
	The prevalence of <i>Cryptococcus</i> positive samples from hospitals in KwaZulu-Natal (KZN), South Africa	B. Zandile
	Distribution and antifungal susceptibility pattern of <i>Candida</i> spp. in a Belgian Walloon university hospital between January 2017 and October 2023	S. Cugnata
	CNS sporotrichosis (clinical features, diagnosis, and treatment): a systematic review and meta-analysis	V. Falcão De Oliveira
	Non- <i>Aspergillus</i> mould infections in adult liver transplant recipients, a French national retrospective cohort from 2007 to 2021	C. Melenotte
	<i>Candida</i> spp. workload: the burden and cost of a yeast in a microbiology department	A. Soriano-Martín
	<i>Sporothrix brasiliensis</i> spread is largely driven by single clonal clade	E.-F. Meijer
	<i>Candida auris</i> candidemia in colonised patients: antifungal susceptibility and outcome	A. Michelaki
	Emergence of invasive infections due to the rare yeast <i>Trichosporon austroamericanum</i> sp. nov. (formerly <i>T. inkin sensu lato</i>) in patients undergoing cardio-vascular surgery in three European countries	A. Fekkar

Characteristics and prognosis factors of <i>Pneumocystis jirovecii</i> pneumonia according to underlying disease: a retrospective multicentre study	R. Lecuyer
Should we reconsider <i>Pneumocystis</i> pneumonia presentation and treatment according to its underlying disease? An unsupervised cluster analysis of a retrospective multicentre study	B. Gaborit
Prevalence and clinic-radiological features of allergic bronchopulmonary aspergillosis and chronic pulmonary aspergillosis in patients with post tubercular lung disease	A. Ajayababu
Investigation of breakthrough invasive fungal infection risk factors in patients with haematological malignancy	D. Celik
Epidemiological trends and genotypic analysis of <i>Candida parapsilosis</i> candidaemia: a 13-year retrospective study in a tertiary care hospital in Madrid, Spain	A. Soriano-Martín
Clinical significance of mucor in airway culture of immunocompetent patients with chronic lung disease	M. Meir
Distribution of fluconazole-resistant <i>Candida parapsilosis</i> in a university hospital: the transformation of an epidemic event?	L. Ronga
Prevalence of vaginal <i>Candida</i> infections among females under screening to high risk human papillomavirus infection	E. Nasri
Immune profile in Covid-19 associated pulmonary aspergillosis: The CYTOCAPA Study	O. Mascle
The alarming prevalence of <i>Trichophyton indotineae</i> as the causal agent of skin dermatophytosis in Iran	H. Mirhendi
Pneumonia by <i>Pneumocystis jirovecii</i> in elderly patients: new clinical and microbiological data	S. Fueyo
Invasive aspergillosis in non-haematological patients	V. Natalya
Pulmonary mucormycosis is a complex infection: ten-year experience in Mexico	P. Carreño Pérez
Four-year retrospective case-control study on the bacteremia concomitant with candidemia: clinical, risk factors and impact on the survival at an Italian tertiary-care hospital.	A. Bedini
Global emergence of <i>Candida auris</i> : first outbreaks in Germany	A.-M. Aldejohann
Clinical and mycological implications of cryptococcal meningitis in Iran with emphasis on immunocompetent patients	S. Khodavaissy
Prevalence assessment of <i>Candida auris</i> colonisation in hospitalised patients: implications for transmission control	S. Shashikala
Gastrointestinal mucormycosis: an analysis of 339 adults from the FungiScope registry and literature	E. Sal
Population genomic analyses reveal high diversity, recombination, and nosocomial transmission among <i>Candida glabrata</i> isolates causing invasive infections	C. Tsui
Outcomes associated with mucor infections at a tertiary care hospital over a ten year period	G. Kalyatanda
Epidemiologic surveillance of <i>Candida auris</i> : a comparative study of pre and post-COVID periods in the ICU at IRCCS Ospedale Policlinico San Martino, Liguria, Italy	L. Massolo
Changing epidemiology of candidaemia: data from a referral tertiary university hospital	M. Pagnucco
Epidemiological trends of human aspergillosis in the region of Sousse, Tunisia, from 1982-2021	R. Mrassi
<i>Candida auris</i> data from the national surveillance system for mandatory notification (SURVNET) 2021-2023	J. Hecht

12:00 - 13:30

Poster Area

6b. Diagnostic mycology (incl traditional, molecular and other methods)

Rapid identification of <i>Candida auris</i> from screen samples	M. Strauss
Clinical evaluation of commercial candida panel for the rapid diagnosis of candidemia	K. Park
Comparison of 1,3 β -D-glucan values for <i>Candida auris</i> to other <i>Candida</i> species	T. Nana
Comparative analysis of abnormalities detected in chest radiography vs chest computed tomography for pulmonary coccidioidomycosis	S. Nagarakanti
Usefulness of the fungus (1-3)- β -D-glucan assay (chemiluminescence) as a diagnostic tool of invasive fungal disease	Z. Zeqi
<i>Pneumocystis jirovecii</i> pneumonia: quantitative PCR clinical impact and differences with qualitative PCR	R. Paggi
Prospective evaluation of <i>Aspergillus</i> -specific IgG assay using a new chemiluminescence method for diagnosis of chronic pulmonary aspergillosis	Z. Zeqi
Diagnosis of invasive fungal infection using a cell-free DNA assay coupled with giant magnetoresistance lab-on-a-chip technology	P. Vergidis
Point-of-care testing for peritoneal and serum 1.3 β -D-glucan to rule out intra-abdominal candidiasis in critically ill patients	E. Novy
Comparative evaluation between two real-time PCR for the detection of <i>Pneumocystis jirovecii</i> and the ability to differentiate colonisation and clinical infection	T.-Y. Hui
Digital diagnostics in medical mycology	V. Özenci

	Assessing new approaches for establishing the fast identification process of filamentous fungi	C. Chiahua
	Evaluation of the Aspergillus Galactomannan enzyme immunoassay for the diagnosis of invasive pulmonary aspergillosis in bronchoalveolar lavage fluid	S. Sedik
	Validation and implementation of a real-time PCR assay for the direct detection of Candida auris from surveillance samples in the context of a C. auris outbreak	E. Franco
	Rapid identification and antifungal susceptibility testing of Candida spp. from blood culture bottles	V. Özenci
	A novel T cell assay for monitoring scedosporiosis treatment	R. Sprute
	The combination of multiplex Aspergillus PCR assay and Aspergillus galactomannan lateral flow assay for the rapid diagnosis of invasive aspergillosis	H. Wang
	A novel chemiluminescent immunoassay detection of Aspergillus galactomannan antigen	Z. Zeqi
	MALDI biotyping of fungal siderophores: how far we are?	V. Havlicek
	PCR on respiratory tract specimens of immunocompromised patients to diagnose Pneumocystis Pneumonia (PcP): a systematic review and meta-analysis	L. Brown
	Evaluation of a rapid and high throughput automated Candida auris PCR assay for screening samples	Y.-S.-T. Kung
	Chronic respiratory diseases: bacterial or fungal?	M. Chowdhury
	Enhancing fungal DNA detection in liquid biopsies of paediatric cancer patients at risk of invasive pulmonary aspergillosis: a comprehensive computational and sequencing approach	E. Wesdorp
	Opening the DOOR to candidaemia diagnostics: a desirability of outcomes ranking analysis of a commercial assay vs blood culture in critically ill patients	K. Caniff
	Enhancing mycological investigations: insights from a pilot study on inter-laboratory consistency and molecular identification	S. Alhosani
	Does the highly migratory Trichophyton indotineae finally knock the UAE?: “does the buck stop here?”	H. Vanam
	Advancing mold identification in the routine laboratory: performance of smartphone-based imaging and a newly developed convolutional neural network	L. Weber
	Verification, analytical sensitivity, cost-effectiveness, and comparison of four Candida auris screening methods	X. Li
	Multicentre prospective clinical validation of the novel Mp1p enzyme immunoassay as a screening tool for talaromycosis	K. Dang Hoang
	Aspergillus IgG antibodies in diagnosing pulmonary aspergillosis	T. Wang
	Fungal species identification: a comparative analysis of nanopore-based 18S sequencing and Sanger sequencing of the large subunit (LSU)	S. Hoegh
	Enhancing dermatomycosis sample collection and transport performance for molecular detection approaches	C. Senti
	In-vitro performance of a novel broth media for selection and enrichment of Candida auris strain	C. Senti
	Current microbiological testing and diagnostic yield for fungal infections in hospitalised haematological patients: a call for diagnostic stewardship	P. Monzo Gallo
	Sensitivity of urine antigen for diagnosis of blastomycosis in solid organ transplant recipients	V. Nair
	Evaluation of a commercial real-time PCR assay on pulmonary and extra-pulmonary aamples for mucormycosis diagnosis: assessing diagnostic performance	K. Malur
	Candida PCR optimise the diagnosis of intra-abdominal candidiasis?	C. Castelló-Abietar
	Microbial cell-free DNA sequencing from plasma and BAL in patients with a suspected invasive fungal infection: a retrospective multicentre study	S. Huygens
	How can a Candida real-time PCR complement culture-based diagnostics of invasive candidiasis?	E.-N.-R. Iskandar
	Accuracy of galactomannan in tracheal aspirate for diagnosing invasive pulmonary aspergillosis in non-neutropaenic patients	G. Hernandez Silva
	Laboratory diagnosis of invasive aspergillosis among haematological patients with use of 1,3- β-D glucan in combination with galactomannan and molecular detection of Aspergillus DNA: routine laboratory data collection 2019-2023	G. Vrioni
	Development of multiplex real-time PCR assay for the simultaneous detection of two pathogens causing fungal pneumonia	Y. Baek
	Screening for Candida auris in critically ill patients: a two-year analysis from a Greek tertiary-care hospital, during COVID-19 waves	V. Mamali
	Comparison of culture and molecular detection of infections in nails and skin samples	R. Brigita
	Single enrichment approach: evaluating thiol broth for comprehensive detection of bacteria and fungi in human bone fragments	L. Tartaglione
	Diagnostic performance of different Candida antigens and anti-Candida antibody assays for the diagnosis of invasive candidiasis in ICU patients: an analysis of the CandiSep randomized clinical trial	J. Held
	Longitudinal study reviewing the performance of Candida molecular diagnostic workflows from 2019 to 2023	D. Montgomery
	MALDI-TOF MS in the identification of filamentous fungi, directly from the colony	E. Molnar
	Suboptimal sensitivity of a commercial panel for candidaemia: a Bayesian latent class meta-analysis of diagnostic test accuracy	A.-E. Maraolo

Infection vs colonisation: low-level detection of <i>Pneumocystis jirovecii</i> by PCR is uncommon in asymptomatic community patients	V. Fleming
Development and performance of a new commercial urine diagnostic test for aspergillosis	K. Marr
Pentraxin 3 in onco-haematological patients: a potential biomarker for invasive fusariosis and aspergillosis	E.-C. Francisco
Analytical and clinical performance of a <i>Candida auris</i> IVD real-time PCR kit	J. Green
Acute infection or colonisation? A comparative analysis of four molecular assays for the detection of <i>Pneumocystis jirovecii</i>	R. Tucker
Identification of fungi from histopathology positive formalin fixed paraffin embedded tissue by panfungal PCR	R. Zehra
Can bronchoalveolar lavage galactomannan levels predict patient outcomes	E. Ateş
Performance of the Aspergillus galactomannan lateral flow assay with a digital reader for the diagnosis of invasive aspergillosis: A multicenter study	G. Jian
Development and validation of a molecular assay for the rapid diagnosis of fungal pneumonia	M. Cacaci
Real-time assessment of dermatomycosis using a PCR/microarray-based diagnostic system	V. Ivagnes
Optimisation of two commercial real-time PCR assays for rapid diagnosis of mucormycosis; analysis of 120 clinical specimens from COVID-19 patients	S. Soltani
Study of <i>Candida</i> spp. colonisation in patients admitted to an ICU	K. Kontopoulou
<i>Mucor germinans</i> , a novel dimorphic species mimicking <i>Paracoccidioides</i> in a pulmonary sample	S.-M. Seyed Mousavi Tasieh
Label-free surface-enhanced Raman scattering (SERS) spectroscopy as a diagnostic tool for invasive aspergillosis: a pilot study	M. Siopi
Real-world applicability of EUROArray DNA systems for molecular diagnosis of dermatophytoses	C. Tacugue
Detection Mucorales DNA in sera specimens of both COVID-19 and non-COVID-19 associated mucormycosis using probe-based Mucorales-specific real-time PCR	K. Ahmadikia
Evaluation of the metabolomic changes of fluconazole-resistant <i>C.parapsilosis</i> under fluconazole exposure	O. Dogan

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12:00 - 13:30	Poster Area
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6d. Antifungal drugs & treatment (incl pre-clinical studies and clinical trials)	
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Post-infectious inflammatory response syndrome (PIIRS) in HIV-negative patients with cryptococcal meningitis in Vietnam	D.-T.-N. Ho
Real-world evaluation of isavuconazole as prophylaxis and therapy for invasive fungal infections in paediatric patients with cancer	J. Nijhuis
Inadequate isavuconazole plasma concentrations in haemato-oncological non-ICU patients: need for routine therapeutic drug monitoring?	T. Klein
Evaluation of posaconazole serum concentrations achieved with delayed-release tablets and oral suspension in patients undergoing intensive chemotherapy for acute myeloid leukemia and myelodysplastic syndrome	C. Hirzel
Efficacy and safety of ibrexafungerp in the treatment of vulvovaginal candidiasis: a systematic review and meta-analysis	T. Netto
Front-loaded exposures increase the fungicidal effect of SF001: a basis for infrequent dosing regimens	B. Vanscoy
Opening the DOOR for clinical mycology: reliminary results of a Delphi process	P.-G. Jose
<i>In vitro</i> interactions between 1,3,4-thiadiazole derivative and selected antifungal drugs	D. Kubera
The evaluation of risk factors and prognostic impact of glucocorticoid therapy among non-HIV patients with <i>Pneumocystis jirovecii</i> pneumonia (PCP)	J. Li
Treatment outcomes with rezafungin and caspofungin in adults with invasive candidiasis and/or candidaemia who had received no prior antifungal therapy: ReSTORE trial subgroup analysis	G.-R. Thompson
Personalised antifungal therapy through model-informed precision dosing of posaconazole	A. Jansen
Daily intravenous liposomal Amphotericin B as antifungal prophylaxis in haematological patients: a clinical experience	A.-M. Badía-Tejero
Breakthrough invasive mould infections among high-risk haematologic patients	J. Boán
Timing of antifungal therapy for candida bloodstream infection	A. Atamna
Fluconazole target attainment during mechanical circulatory support device insertion	K. Cairns
Toward individualised antifungal therapy: mechanism-based pharmacokinetic/pharmacodynamic model of voriconazole to predict the clinical outcomes of adult patients with invasive aspergillosis	V. Vasikasin
Efficacy and safety of L-AmB-containing treatment on paediatric IFD patients previously exposed to broad spectrum antifungal agents	B. Chen
An analysis of the use of posaconazole alone or in combination with any form of amphotericin B during a pandemic disaster in a low resource setting for COVID-19 associated mucormycosis (CAM)	P. Thangaraju

Olorofim demonstrates potent <i>in vitro</i> activity against <i>Coccidioides</i> species including against isolates with reduced fluconazole susceptibility	N. Wiederhold
Novel liposomal formulations of amphotericin B (LFAMB) were effective in murine models of experimental mycotic keratitis caused by <i>Candida albicans</i> (CA), <i>Aspergillus fumigatus</i> (AF), and <i>Fusarium solani</i> complex (FS)	R. Petraitiene
Voriconazole as secondary invasive fungal infection prophylaxis during allogeneic haematopoietic stem cell transplantation	Y. Wang
Revisiting amphotericin B prophylaxis in patients with haematology malignancies	G. Kuganarul
SF001, a novel micellar polyene, demonstrates a prolonged post-antifungal effect <i>in vitro</i> against yeast	D. Hufnagel
Using real-world data: can CYP2C19 genotype predict poor response to voriconazole?	S. Stocker
PK/PD target attainment with contemporary dosing of antifungal drugs. Outcomes from an international, multicentre pharmacokinetic study for screening antifungal exposure in intensive care units: The SAFE-ICU study	J. Roberts
Role of isavuconazole therapeutic drug monitor (TDM) in real life: is it possible and sure to reduce isavuconazole dosage in patients with overdose?	E. Ghidoni
The echopof study: predictors of treatment failure to echinocandins for <i>Candida</i> bloodstream infection: a multicentre retrospective cohort study	L. Diella
Retrospective cost analysis model of treating candidaemia with rezafungin based on real-world data from a German tertiary hospital	M.-S. Kurte
Efficacy of extended-interval micafungin dosing against <i>Candida albicans</i> and <i>Candida parapsilosis</i> isolates using an <i>in vitro</i> pharmacokinetic/pharmacodynamic model	M.-I. Beredaki
Posaconazole TDM and pharmacogenetic as a tool for antifungal stewardship in haematological patients with acute myeloid leukaemia	S. Corcione
Evaluation of real-world isavuconazole therapeutic drug monitoring: where to go from here?	B. Mertens
Evaluation of clinical outcomes for anidulafungin standard dosing in hospitalised critically ill obese patients with candidaemia: a retrospective cohort study	Y. Alsowaida
Isavuconazole therapeutic drug monitoring may be advocated in Asian patients with invasive mould infections based on their pharmacogenomic profiling	F.-Z.-Y. Chan
Voriconazole or isavuconazole in the treatment of aspergillosis in elderly patients?	J. Caballero

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Poster Area

6c. Antifungal susceptibility testing & resistance (incl surveillance, mechanisms)

A novel mechanism drives amphotericin B resistance in <i>Candida auris</i>	P.-C. Trinh
Antifungal susceptibility profile and local epidemiological cut-off values of <i>Yarrowia</i> (<i>Candida</i>) <i>lipolytica</i> : an emergent and rare opportunistic yeast	J. Yu
The seven year itch: how <i>T. indotineae</i> is driving the dermatophytosis epidemic in India	V. Verma
Whole genome sequencing of fluconazole non-susceptible bloodstream <i>Candida parapsilosis</i> isolates in South Korea	J.-H. Shin
Nationwide surveillance of azole resistance in clinical <i>Aspergillus fumigatus</i> (AR <i>Af</i>) 2018-2022	K. Astvad
Molecular identification and antifungal susceptibility of clinical isolates of <i>Fusarium</i> spp: a single centre study	A. Górzyńska
Analysis of resistance in antifungals (ARIA): surveillance of <i>Aspergillus</i> isolates collected globally from 2020-2022	S. Hawser
SCY-247, a novel second-generation IV/oral triterpenoid antifungal, demonstrates <i>in vitro</i> activity against fungal pathogens, including azole-resistant strains of <i>Candida</i> and <i>Aspergillus</i>	N. Wiederhold
Aneuploidy is associated with azole cross-resistance in <i>Trichosporon asahii</i> evolved to voriconazole	L. Guo
A service evaluation of the management of candidaemia in a UK tertiary healthcare centre	T. Fieldman
<i>In vitro</i> activity of olorofim against the agents of the endemic mycoses	C. Pinder
<i>In vitro</i> activity of olorofim against <i>Scedosporium</i> species, <i>Lomentospora prolificans</i> and <i>Scopulariopsis</i> species	C. Pinder
Life in plastic is (not so) fantastic: a single-centre study on antifungal susceptibility of <i>Candida parapsilosis</i>	D. D'Elia
Survey on azole resistance in clinical <i>Aspergillus</i> spp collected in 2023 in hospitals located in central Iberian Peninsula (<i>ASPE</i> - <i>IN III</i>)	J. Guinea
Olorofim showed potent <i>in vitro</i> activity against <i>Aspergillus</i> spp clinical isolates collected in a national survey on azole resistance conducted in Spain in 2022 (<i>ASPEIN II</i>)	J. Serrano-Lobo
Biocide and antifungal susceptibility of <i>Candida auris</i> isolates	B. Dinc
Synergistic interaction of milbemycin oxime with fluconazole against <i>Candida auris</i>	L. Aubry

	Use of voriconazole to predict susceptibility and resistance to isavuconazole for <i>Aspergillus fumigatus</i> by using the CLSI methods and interpretive criteria	M. Castanheira
	Unveiling azole-resistant <i>Aspergillus fumigatus</i> in ambient air: genotypic relationship between clinical and environmental isolates	L. Alguacil Cuéllar
	Characterisation of fluconazole non susceptible (FNS) <i>Candida parapsilosis</i> strains isolated from Hospitals from Spain	O. Zaragoza
	Clinical impact of azole-resistant <i>A. fumigatus</i> (AFAR) complex isolates in a tertiary centre	A. Falcó Roget
	Gradient diffusion plastic strip for detection of azole resistance in <i>Aspergillus fumigatus sensu stricto</i> : inoculum preparation might not require prior filtration and adjustment	J. Serrano-Lobo
	Effect of SCY-247, a second-generation triterpenoid antifungal, on growth kinetics and ultrastructure of <i>Candida auris</i>	M.-A. Ghannoum
	Comparative evaluation of gradient concentration strip and reference CLSI methods for antifungal susceptibility testing of <i>Candida auris</i> using a representative international panel of isolates	M. Siopi
	Azole-resistant aspergillus species in poultry feed in Kabale, South West, Uganda	A. Odebode
	Species-specific mortality and antifungal susceptibilityof the <i>Candida</i> spp. isolated in a north-eastern italian region between 2018 and 2022	F. Dellai
	Inoculum density has an impact on SF001 fungicidal activity against <i>Candida albicans</i>	D. Hufnagel
	<i>In vitro</i> activities of polyene, azole, and echinocandins against <i>Candida auris</i> isolates under both planktonic and biofilm-growing conditions	H. Badali
	Surveillance study of triazole-resistant <i>Aspergillus fumigatus</i> isolates in Iran	H. Badali
	Minimum inhibitory concentrations of antifungals against invasive isolates of <i>Cryptococcus</i> species worldwide: antimicrobial testing leadership and surveillance programme, 2010–2020	P.-R. Hsueh
	<i>Candida guilliermondii</i> fungemia: 10-year retrospective clinical analysis and antimicrobial susceptibility profiles from a reference laboratory	J. Mchugh
	Distribution and antifungal susceptibility of yeast species causing invasive fungal diseases in China: a 12.5 years' review from the CHIF-NET study	M. Xiao
	Multicentre evaluation of a EUCAST-based agar-screening method for terbinafine and itraconazole susceptibility of <i>Trichophyton</i> spp.	J. Meletiadis
	Mechanistic investigations to understand the complex metabolism of voriconazole by cross-linking <i>in silico</i> and <i>in vitro</i> methods	A.-P. Konrad
	Current antifungal resistance in invasive aspergillosis	A. Gutiérrez Villanueva
	Status of surveillance of antifungal resistance in candidaemia to inform antifungal stewardship in European countries	L. Galia
	Q-PHAST: simple, large-scale quantitative phenotyping and antimicrobial susceptibility testing	J.-C. Núñez Rodriguez
	<i>In vitro</i> antifungal susceptibility testing of <i>Cladophialophora bantiana</i> clinical isolates in France	D. Garcia-Hermoso
	Copy number variants of <i>ERG11</i> gene: an uncharacterised mechanism of azole resistance in <i>Candida parapsilosis</i>	Y.-T. Ning
	Worldwide genomic convergent evolution in clinical fungi: an emerging azole-resistance mechanism	R.-C. Dai
	Amino-acid substitutions in CYP51A protein from <i>Purpureocillium lilacinum</i> likely to be associated with itraconazole resistance	L. Monpierre
	Whole genome sequence analysis of terbinafine resistant and susceptible <i>Trichophyton</i> isolates from human and animal origin	S. Thakur
	Mutations of the <i>ERG11</i> gene in fluconazole-resistant <i>Candida albicans</i> isolates in Ivory Coast	K.-F. Kouadjo
	Delineation of the direct contribution of clinically observed <i>FKS1</i> mutations to echinocandin resistance in <i>Candida auris</i>	K. Barker
	Antifungal resistance and breakthrough candidaemia among paediatric cancer patients: an emerging threat	Y. Madney
	<i>In vitro</i> antifungal susceptibility profile and genotypic characterisation of clinical <i>Aspergillus</i> isolates in eastern China on behalf of eastern China invasive fungi infection group	W. Wu
	Antifungal susceptibility profiles of dermatophyte isolates in Iran	S. Aboutalebian
	<i>In vitro</i> long-term exposure to chlorhexidine or triclosan is associated with cross-resistance against azoles in <i>Nakaseomyces glabratus</i>	K. Spettel
	Antifungal susceptibility and clinical outcomes of <i>Candida parapsilosis</i> bloodstream infections: a multicentre observational study of the Turkish fungal infections study group	S. Tekin
	Comparing the <i>in vitro</i> activity of seven antifungal drug with chlorhexidine against the most important causative agents of fungal keratitis	S. Khodavaisy
	Unraveling the genotypic diversity and molecular mechanisms of fluconazole resistance in <i>Candida parapsilosis</i> clinical isolates in a tertiary care hospital from North India	V. Sharma
	Synergistic interaction between amphotericin B and azoles against <i>Candida guilliermondii</i> using pharmacodynamics-modelling approach.	A. Baillod
	<i>ERG11</i> copy number variations in the human fungal pathogen <i>Yarrowia lipolytica</i>	J. Yu
	<i>In vitro</i> activity of the novel antifungal olorofim against multiresistant <i>Fusarium</i> in China	Y. Song

12:00 - 13:30

Poster Area

6e. Basic mycology (incl in vitro and in vivo studies, pathogenesis, virulence, mycobiome)

A multidrug delivery platform based on azole-loaded mucosomes as promising strategy to counteract infections caused by *Candida albicans*

G. Banche

In vivo effectiveness of fluconazole and posaconazole in a murine model of *Coccidioides* meningitis caused by fluconazole-resistant isolates

L. Najvar

Anti-fungal and anti-biofilm activities of polycaprolactone blended with calcium phosphates and silver against *Candida albicans* and *C. auris* for bone tissue regeneration applications

V. Allizond

IL-15 secretion enhances the potential of Af-CAR-NK92 cells for off-the-shelf treatment of invasive pulmonary aspergillosis

B. Tappe

The impact of melanisation on hyphal formation in pathogenic fungi

H. Zoqi

Development of a combat-relevant murine model of wound mucormycosis as a platform for rapid screening and validation of novel treatments

A. Bobrov

The intravenous challenge mouse model for experimental infections with *Yarrowia lipolytica*

J. Yu

Detection and prevalence of moulds and aflatoxins in food and feed for animal and human consumption

E. Idrizovic

Bacterial-mucorales interactions and antimicrobial resistance during mucormycosis: literature search and *in vitro* observations

D.-E. Corzo Leon

Isavuconazole and micafungin elicit synergistic antifungal activity against azole-resistant *Aspergillus fumigatus* and stimulate hyphal inactivation by mononuclear phagocytes

S. Wurster

N-chlorotaurine is effective in *Aspergillus fumigatus* pneumonia in the mouse model

M. Nagl

Whole genome sequencing endorses microsatellite-defined *Candida parapsilosis* genotypes even though they involve isolates from unrelated patients

A.-C. Mesquida Marcos

Fungal pathogens exposed – genomic and phenotypic insights into *Candida auris* and its relatives of the *Candida haemulonii* species complex

A. De Jong

Fungal BET protein Bdf1 shows promise as a potential antifungal drug target in *Candida* spp.

C. Petosa

12:00 - 13:30

Poster Area

7a. Parasitic disease epidemiology

Rodent-adapted *Cryptosporidium* infections in humans: seven new cases and review of the literature

C.-R. Stensvold

Canine and sand fly aspects to the *Leishmania donovani* transmission in endemic villages of Bihar, India

A. Kushwaha

Investigation of the *Visceral Leishmaniasis* outbreak in the endemic region of India

A. Neyaz

Can the use of larviciding with biological compounds contribute in increasing *Anopheles gambiae* s.l. susceptibility to pyrethroid in a population expressing high resistance intensity?

D.-L. Nkahe

Toxoplasmosis surveillance in a tertiary hospital in Barcelona, Spain

C. Batista

Oxyuriasis is a risk factor for *Dientamoeba fragilis* infection: a case-control study

F. Pérez-García

Leishmaniasis: looking back to face the future. A retrospective study of an endemic area in the south of Madrid

V. Antón Berenguer

Odyssean malaria outbreak investigations in South Africa, 2014-2022

L. Blumberg

Factors associated with severe *Plasmodium vivax* infection in Thailand was different from the WHO criteria

P. Singhasene

TB-TROPICare: Prevalence study of schistosomiasis and strongyloidiasis in a multicultural TB clinic

C. Genovese

Zoonotic *Echinococcus granulosus* sensu lato genotypes circulating in small ruminants of north India: a comprehensive appraisal based on mtDNA signatures

P. Moudgil

Toxoplasmosis in the Netherlands: seroprevalence and risk factors

T.-M. Kortbeek

Prevalence and associated factors of pediculosis capitis (*Phthiraptera: Pediculidae*) among primary schoolchildren in rural and urban areas in Monastir, Tunisia

D. Farjallah

Declining seroprevalence of toxoplasmosis in the female population and changing ethnic distributions in Singapore over the last 2 decades

C.-C.-L. Ngan

Chagas disease causing heart failure in Central America: burden and trend analysis between 1990 and 2019.

R. Cortorreal Javier

First report of seroprevalence and risk factors of human fascioliasis in communities in North Vietnam	T.-B.-T. Nguyen
Unusual increase of <i>Cryptosporidium</i> spp. cases in Madrid, Spain	C. Sanz-González
Visceral leishmaniasis resurgence after COVID-19 pandemic. Data from Regional Surveillance System of the Lazio Region (Italy)	M. Spaziente
Shifting sands: Exploring the clinical and genomic dynamics of leishmaniasis in Turkey's changing landscape	V. Tunali
Sequencing and Phylogenetic Analysis of <i>Enterobius Vermicularis</i> Isolates from Bulgaria - First Genetic Study	R. Dimitrova
Overview of clinical, microbiological and epidemiological characteristics of patients with malaria in Slovenia	J. Cernosa
DNA sequencing of <i>Plasmodium falciparum</i> apical membrane antigen-1 identified genetic sub-structure and novel nsSNPs modulating functional motifs	S. Gul
Reactivation of <i>Trypanosoma cruzi</i> infection in immunosuppressed patients: a systematic review and meta-analysis	A. Antequera Martin
Cystic echinococcosis among adults in Tunisia: a burden of a disease	S. Rouis

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7b. Diagnostic parasitology (incl traditional, molecular and other methods)	
Confirmation of <i>Ancylostoma</i> and <i>Strongyloides</i> nematodes through molecular analysis in human and canine populations of Bangladesh	T.-C. Nath
Congenital malaria in a non-endemic setting: a literature review and update on diagnosis and management	C. Patterson
Increased detection of strongyloidiasis in Gipuzkoa, northern Spain, after a change in diagnostics algorithm and introduction of a multiplex PCR	I. Ansa Isasa
Comparative evaluation of microscopy, conventional PCR and real-time PCR for detection of soil-transmitted helminths	S. Khurana
Comparison between a molecular and a standard staining technique to detect <i>Cryptosporidium</i> sp in stool samples: evaluation in an outbreak situation	J. Iglesias-Torrent
Evaluation of Lb6H recombinant protein produced in Brazil to diagnose American tegumentary leishmaniasis	R.-T. Valencia Portillo
Utilizing a real-time PCR platform to identify <i>Strongyloides stercoralis</i> infection.	C.-C. Chen
High proportion of sexually transmitted infections in <i>Trichomonas vaginalis</i> positive patients using syndromic PCR: a French monocentric study on 199 patients	J.-P. Gangneux
Comparison of prototype ELISAs for serodiagnosis of visceral leishmaniasis	B. Menge
Diagnostic performance of qPCR for detecting cell-free DNA (cf DNA) in urine and serum of amoebic liver abscess patients before & after treatment	P. Datta
Performance and impact of introducing real-time PCR for detection of <i>Acanthamoeba</i> spp in corneal scrapings	S. Van Kleef Van Koeveringe
Usefulness of real-time PCR for malaria diagnosis and identification of <i>Plasmodium</i> species in febrile patients in Cubal, Angola	A. Mediavilla Pérez
<i>Taenia asiatica</i> : mitochondrial signatures based analysis of an emerging global health threat	A.-D. Moudgil
A novel syndromic approach for the diagnosis of gastrointestinal parasites	M.-S. Montanari
Genetic variation of metabolic enzymes of <i>Leishmania</i> spp. parasites isolated from different clinical types of cutaneous leishmaniasis patients	M. Hosseini
Accuracy of the new immunocromatography black version as a novel sensitive tool for both screening and diagnosis of schistosomiasis among Sub-Saharan immigrants in health care settings in non endemic countries	A.-H.-A. Hegazy
Detection of new genotype of <i>Echinococcus multilocularis</i> raising health concerns in Canada	K. Kowalewska-Grochowska
Evaluation of a western blot associated with a line blot assay for the serodiagnosis of alveolar and cystic echinococcosis	S. Egrek
Molecular screening of Malaria and other neglected parasitic diseases in the Peruvian Amazon by Multiplex qPCR	V. Antón Berenguer
Behind the veil: Exploring the hidden dynamics of asymptomatic cutaneous leishmaniasis	V. Tunali
Intestinal protozoa diagnosis in a low prevalence setting: evaluation of the impact of formalin-free fixative and the number of specimens/episode using a commercial single-vial in a referral laboratory	L. Goterris Bonet
The emergence of a hypertransmissible <i>Cryptosporidium hominis</i> subtype in Spain	M. Ducóns
Investigation of <i>Leishmania</i> RNA viruses (LRV 1, LRV 2) in <i>L.tropica</i> isolated from CL patients in Sanliurfa, Turkiye where CL is highly endemic	F. Yildiz Zeyrek
The correlation between procalcitonin levels and the possibility of bacteremia in the setting of malaria infection	S. Abasaheed Elhag

	Heterogeneity primer spacers (staggering) improve the performance of amplicon sequencing of V3-V4 region of 16S rDNA as well as 18S region for <i>Blastocystis</i> subtyping	O. Cinek
	Molecular detection of cell-free DNA in human plasma with cystic echinococcosis as a diagnosis method	M. Hadipour
	Detection of <i>Treponema pallidum</i> in non-lesional specimens	R. Alonso
	Evaluation of a commercial kit for detection of <i>T. cruzi</i> -specific antibodies	A. Silgado
12:00 - 13:30		Poster Area
7c. Antiparasitic susceptibility & drug resistance (incl surveillance, mechanism)		
	Evolving trends of molecular subtyping and macrolide resistance of <i>Treponema pallidum</i> in British Columbia, Canada: a ten years review	M. Morshed
	<i>In silico</i> analysis of trypanothione peroxidase in <i>Leishmania major</i>	S. Hamzehpour
	Frequencies of molecular markers of <i>Plasmodium falciparum</i> antimalarial drug resistance in a context of seasonal malaria chemoprevention (smc) with two different treatment regimens in Koulikoro health district, Mali	K. Fousseyni
12:00 - 13:30		Poster Area
7d. Antiparasitic drugs & treatment (incl pre-clinical studies and clinical trials)		
	Pyocyanin displays amoebicidal activity against <i>Naegleria fowleri</i> , a brain-eating amoeba, through inducing reactive oxygen species accumulation	P. Ruenchit
	Targeting sterol 14 α -demethylase (CYP51) in <i>Leishmania major</i> : towards effective broad-spectrum treatment and overcoming drug resistance	C.-K. Bhusal
	<i>Acanthamoeba castellanii</i> prefers lipids as food, offering new possibilities for treatment	M. Sarink
	Visceral leishmaniasis by <i>L. infantum</i> in immunosuppressed patients	J.-V. San Martin
	Analysis of clinical characteristics and results of patients with <i>Plasmodium vivax</i> infection in South Korean military hospital, 2012-2021	H.-S. Oh
	Novel artemisinin hunt: investigation of the <i>in vivo</i> antimalarial efficacy of <i>Cotinus coggygria</i>	A. Yildirim
	Antileishmanial activity of thymol on <i>Leishmania tropica</i> isolated from Turkey: <i>in vitro</i> and <i>ex vivo</i> study	T. Aksoy
	Efficacy of adjunctive topical liposomal clarithromycin on systemic glucantime in old world cutaneous leishmaniasis: a pilot clinical study	A. Hakamifard
	Longitudinal changes in iron homeostasis in human experimental and clinical malaria	S. Woolley
	Recurrence of pleural echinococcosis: a surgical challenge	R. Lissandrin
	Evaluation of BCG training effects on lesion size and parasite load caused by <i>Leishmania major</i> in BALB/c mice	A. Zohreh
	A national multidisciplinary team meeting for leishmaniasis in the United Kingdom: experience at two years	O. Donnelly
	Use of extracellular vesicles of <i>Giardia lamblia</i> as a promising vaccine candidate	B. Ferreira
	Tolerance and safety of benznidazole in adult patients with Chagas disease: experience in four public medical centers of Buenos Aires, Argentina	A. Otreras
	Biodiversity study of endophytes fungi from <i>Alstonia boonei</i> De Wild and assessment of the antiplasmodial effects of their ethyl acetate extracts against <i>Plasmodium falciparum</i> strains	P.-C. Demeni Emoh
	Cellular effects of fosfomycin on <i>Wolbachia</i> spp.	L. Behrmann
	<i>Aspergillus</i> -derived proteins are active against <i>Leishmania infantum</i> : preliminary comparisons of gene expressions of the metabolic pathways with amphotericin B	Ö. Kurt
12:00 - 13:30		Poster Area
7e. Travel medicine, migrant and refugee health		
	Documentation of initial health assessments for people seeking asylum presenting to an infectious disease clinic in a tertiary infectious diseases centre	I.-D. Wardhaugh
	Seroprevalence of <i>Schistosoma</i> and <i>Strongyloides</i> in migrants from sub-Saharan Africa screened in Sweden	C. Rönnerberg

Imported <i>Plasmodium vivax</i> cases among newly arrived migrants in New York City	M.-A. Policarpio
Risk factors for <i>Strongyloides stercoralis</i> infection in immigrant populations: case-control study	A. Rodriguez-Guardado
Burden of infectious diseases in pregnant and postpartum migrant women and newborn babies and barriers to health services: a systematic review in MENA region and qualitative study in Tunisia	A. Ouahchi
Results of a screening programme for schistosomiasis in an immigrant population	A. Rodriguez-Guardado
Epidemiological characteristics of respiratory illnesses among Thai repatriates from armed conflict areas in Myanmar, November 2023	B. Hunsajarupan
Improving malaria care in a non-endemic setting with high malaria caseloads but without a specialist infection unit: a targeted approach	M. Woodman
Diagnostic landscape of eosinophilia in immigrants	N.-P. Laura Noelly
Imported schistosomiasis in travelers: experience from a referral tropical medicine unit in Barcelona, Spain	F. Salvador
Asymptomatic malaria infection can affect the lipid profile of patients: cause or consequence?	D. Gayoso Cantero
<i>S. stercoralis</i> infections in a Tropical Medicine Clinic - a 5 year retrospective review	M.-A. Policarpio
Sexual and reproductive health of female asylum seekers seen by RESPOND, a UK integrated refugee health screening programme	R. Ryan
Traveller's adherence to atovaquone/proguanil malaria chemoprophylaxis after return from endemic areas	J.-L. Schnyder
Missed opportunities for Chagas screening in in a UK tertiary-level hospital	H. Davidson
Clinical findings in sub-Saharan migrants with asymptomatic <i>Plasmodium</i> infections screened in Sweden	I. Eliasson
Severe <i>Plasmodium falciparum</i> Malaria: Epidemiological Shifts and Clinical Challenges in the Czech Republic	V. Grebenyuk
The malaria mantra mislaid: new insights from a retrospective analysis of malaria cases at a UK south coast centre	D. Woolham
Health screening for returning Hajj pilgrims across international airports in Thailand, July 2023	S. Prapaso
Views and experiences of catch-up vaccination among adult migrants in the UK: an in-depth interview study	A. Deal
Experience from a diagnosis approach algorithm for travelers diarrhoea in a specialised international health unit, Barcelona, Spain	S. Levy Blitchtein
A closer look into imported malaria diagnosis delay: medical skills need a push forward	J. Salas-Coronas

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12:00 - 13:30	Poster Area
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7f. Food & water safety, environmental health, vector epidemiology

Insecticide susceptibility of the sand fly leishmaniasis vector <i>Phlebotomus argentipes</i> in Bihar, India	A. Shukla
<i>Salmonella enterica</i> in farm environments in the Ashanti region of Ghana	D. Fosu
Tick-borne encephalitis seroprevalence in Northern Italy: a cross-sectional study on a randomly selected population	S. Nozza
Genomic characteristics of carbapenemase-producing non- <i>Enterobacterales</i> Gram-negative isolates from wastewater in Japan	H. Baba
Assessment of antimicrobial resistance in Gram-negative bacteria from rivers supplying drinking water: insights for water quality management	P. Antunes
Persistence of viable but nonculturable <i>Legionella pneumophila</i> state in hospital water systems	L. Gavaldà-Mestre
Nationwide surveillance, antibiogram, and genotypic characteristic of pathogenic <i>Escherichia coli</i> isolated from pork production chain in Korea	H. Cho
Vulnerability to infectious diseases among people exposed to climate disasters in Mozambique: a cross-sectional study	E. De Vita
Epidemiological study on prevalence of <i>Toxoplasma gondii</i> from pigs, cats, water, soil and vegetables in North India: One health integrative research	D. Rattan
Predicting the age of field <i>Anopheles</i> mosquitoes using mass spectrometry and deep learning	P. Naudion
Antimicrobial resistant enterococci in semi-intensive and free-range broiler farms in Uganda	L. Atieno Ochieng
Application of Culturomics and Whole Genome Sequencing for the detection of antibiotic resistance genes in novel bacteria isolated from Wastewater Treatment sites.	E. Ouranou
Occurrence and persistence of multi-drug resistant <i>Enterobacterales</i> isolated from urban, industrial and surface water in Monastir, Tunisia	W. Mansour
Carbapenem-resistant <i>P. aeruginosa</i> from environmental origin: spread of GES-5 producing ST235 strains.	K. Naouel
Detection of <i>Salmonella</i> in stream environment and its association with clinical strains	J.-H. Shin

Therapeutic alternative to the use of antibiotics in chicken farming: about detection of ESBL Escherichia coli ?	W. Mansour
Ticks on French Riviera (France): Diversity, seasonality and associated bacteria	C. Pomares
Resistant-Enterococcus species in wild boar (<i>Sus scrofa</i>) from Portugal	J. Palmeira
Seeking the molecular identity of blood meals in mosquitoes of medical importance, collected within a five-year period (2017-2022) in urban and rural areas of Greece	N. Tegos
Metagenomic approach to aquatic matrices in the South American metropolitan region: pathways for maintenance and dissemination of antimicrobial resistance genes (ARGs)	F. Fernandes Santos
BIM-1 (Belém-Imipenemase) in multidrug-resistant Pseudomonas spp in rivers and hospital sewage in the Brazilian Amazon	M. Nazare Miranda Bahia
Residual Bacillus cereus contamination of processed laundry supplied to health and social care providers: more questions than answers	C. Jones

12:00 - 13:30	Poster Area
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7g. Global and public health & health security (incl policy-making, climate change, biosafety/biosecurity)	
Assessing pandemic risks: expert ranking of infectious diseases in WHO's blueprint for action to prevent epidemics	J. Salmanton-Garcia
Increase of Legionella positive environmental sources and its correlation with climate change	E. Arqué Pérez
Lessons to be learned: challenges and solutions to implementation of clinical research responses to high priority diseases of epidemic/pandemic potential: a scoping review	S. Levanita
Knowledge about sexually transmitted infections according to the biopsychosocial characteristics of Brazilian undergraduates	F.-S.-D. Carvalho
A rapid evaluation of the New Variant Assessment Platform: promoting programme sustainability	K. Jones
Modelling the interplay between patients' socioeconomic characteristics, health insurance, contextual factors and antibiotic misuse behaviour in Tanzania: a Bayesian Belief Network approach	M. Clarkson
Charting the landscape: understanding the full scope of the burden of bacterial antimicrobial resistance in the WHO Eastern Mediterranean Region	T. Mestrovic
A cutaneous anthrax outbreak in the rural region of Kars, Turkey	H. Erdem
Climate change negatively impacts AMR	S. Goel
The Italian registry of fever of unknown origin	V. Zerbato

12:00 - 13:30	Poster Area
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7h. Infections in low-resource settings (incl epidemiology, burden, health infrastructure, health disparities and vulnerable populations)	
Factors that affect the timely diagnosis and treatment of neutropenic fever in Ugandan patients with cancer and HIV: A process mapping study	E. Gulleen
Expansion of cytotoxic immune cells in the lesion border skin of PKDL and Leprosy	S. Kumar
The experience of genital ulcer disease, barriers to treatment and acceptability of sexually transmitted infection diagnostics in Harare, Zimbabwe	C. Thomas
Findings of a low-cost nurse-led mental health screening approach: underdiagnosis and undertreatment of mental health disorders among people living with HIV in Rwanda	L. Omann
High rates of ciprofloxacin and doxycycline resistance in Neisseria gonorrhoeae infection in Lesotho	L. Maduna
The burden and clinical outcomes for neglected tropical diseases in migrant populations in the Middle East and North Africa: a systematic review	E. Elafef
Assessment on the rational use of antimalaria drugs in health facilities of Ethiopia: cross sectional study	N.-S. Hassen
Systemic engineering initiative for patient safety model helped categorize barriers and facilitators for surgical site infection prevention at King Faisal Hospital Rwanda	B. Hatharaliyadda
Human African trypanosomiasis: preliminary retrospective analysis of cases treated in Lui Hospital, Western Equatoria, South Sudan	F. Mariotti
Anal self-sampling is suitable for anal cancer screening among men who have sex with men in Togo	V.-M. Ferré
Infectious disease profile in the Embera Dócidia, indigenous tribe of Colombian Pacific Coast: descriptive cross-sectional study	S. Ramirez
Impact of diabetes and metabolic syndrome on malaria severity in two hospital settings in Cameroon	K. Wyss

High prevalence of antimicrobial resistance in bacterial isolates from clinical specimens in Timor-Leste	T. Oakley
Serotype distribution of invasive pneumococcal disease in Vietnam in the pre-vaccination era: a retrospective study 2011-2023	T. Kesteman
Malaria in the indigenous peoples of the Colombian Pacific coast: ancestral knowledge and practices	M.-J. Garcia Tirado
Achieving threshold coverage in mass drug administration campaigns; mixed methods approach Bijagos Archipelago, Guinea-Bissau	E. Sugrue
Carrier Mediated Delivery of Amphotericin-B Through Mannosylated Liposomes for Effective Management of Leishmaniasis	M. Bhargava
Chagas disease: treatments with nifurtimox and benznidazole in indigenous communities in Colombia	S. Kann
Developing a clinical prediction model to modify empirical antibiotics for non-typhoidal <i>Salmonella</i> bloodstream infection in children under-five in DR Congo	B. Tack
World Health Organization's clinical criteria orienting hospital referral and diagnosis of serious bacterial infections in children under-five perform poorly	B. Tack
A multi-component pragmatic intervention to improve diagnosis and early hospital management of patients with suspected acute brain infections in Brazil, India and Malawi: the Brain Infections Global Intervention Study	B. Singh

12:15 - 13:15	Arena 1
Bioinformatics The Bioinformatics Pipeline Corner offers small, innovative pharmaceutical companies a platform to present their research projects and product pipeline to a wider audience.	Moderator T.-C. Roloff

12:15 - 13:15	Arena 2
Building capacity and addressing inequalities in AMR surveillance Good quality clinical bacteriology is crucial for effective surveillance and control of AMR, but limited-resources settings face challenges of infrastructure, equipment, logistics, and human resources in the implementation of good clinical practices. Still, there are ample possibilities for increasing the quality of laboratory procedures. In this session, two speakers will share examples on how the laboratory capacity in resource-limited settings can be strengthened to obtain reliable AST data. The Central Asian and European Surveillance of Antimicrobial Resistance (CAESAR) EQA, with 10-year experience, will be highlighted as a valuable tool for laboratory capacity building which continuously demonstrates how targeted feedback contributes to improving the local conditions, raising awareness of limitations and challenges in local practices. This in turn leads to improved laboratory practices and surveillance results. The approaches and methods highlighted in this session are easily adoptable by the audience and implementable in their local settings.	Chair V. Gigante
12:15	Strengthening laboratory capacity in resource-limited settings for reliable AST results B. Kakaraskoska Boceska
12:30	Ten years of CAESAR EQA: achievements, challenges and unmet needs O. Karatuna
12:45	How to foster equitable partnership and mentorship models in international collaborations in AMR M. Rasheed
13:00	Ensuring patient representation and voice in AMR focused interventions O.-N. Mbamalu

12:15 - 13:15	Arena 3
Innovation forum on diagnostics development	Chairs S. Das R. Skov
	T.-T. Bachmann J.-H. Rex L. Poirel

12:15 - 13:15	Arena 4
Professional skills that enhance performance in CM/ID	Chair J.-L. Del Pozo
The aim of this Open Forum is to enhance the professional skills and abilities of practicing infectious diseases physicians and clinical microbiologists, by providing a comprehensive overview of communication skills, resilience and teamwork. Through a series of review talks and case studies,	

attendees will learn about the principles of these key skills, and how they apply to the field of infectious diseases and clinical microbiology. Practical resources and strategies will be openly discussed.		
12:15	Resilience and work engagement	J.-J. Beunza
12:30	Communications skills of physicians and patients' satisfaction	
12:45	Communicating antibiotic prescribing to patients	S. Anthierens
12:15 - 13:15		Fireplace area
Fireplace: Emergence of group A streptococcal diseases: from Strep throat to invasive infections		Chairs A. Norrby-Teglund A. Zinkernagel
		S. Sriskandan
12:15 - 13:15		Hall L
Unlocking the potential of syndromic molecular diagnostics to enhance patient management through antimicrobial stewardship		Chair G.-M. Rossolini ESCMID-appointed chair E.-J. Kuijper
Molecular syndromic testing continues to demonstrate better outcomes for patients. Point-of-care molecular diagnostics has the potential to accelerate and improve patient management across diverse clinical settings. This symposium will discuss benefits of syndromic testing to detect important pathogens, resistance markers, and the new opportunities and challenges of implementing multiplex PCR diagnostics outside the centralised laboratory to assist clinicians in their management of patients. We will demonstrate how rapid and actionable results, available in the laboratory and at the point-of-care, can transform infectious disease detection of outbreaks, elevate patient pathways by facilitating improved isolation or cohorting, and make a positive impact on the patient experience.		
12:15	Welcome and Introduction	G.-M. Rossolini E.-J. Kuijper
12:17	How can genotypic resistance markers be effectively used to enhance antimicrobial stewardship in cases of pneumonia and bloodstream infections? The High MDR setting perspective	R. Almaghrabi
12:30	How can genotypic resistance markers be effectively used to enhance antimicrobial stewardship in cases of pneumonia and bloodstream infections? The Low MDR setting perspective	L. Moore
12:45	Panel Discussion and Q&A	G.-M. Rossolini E.-J. Kuijper
12:55	How the implementation of syndromic testing at the Point Of Care can enhance Antimicrobial Stewardship for acute respiratory tract infections	A. Meltzer
12:15 - 13:15		Hall N
Building a strong defense: addressing the importance of vaccination in the evolving pneumococcal disease landscape across all ages		Chair A. Torres ESCMID-appointed chair M.-J. Bonten
While the introduction of pneumococcal conjugate vaccines has resulted in a reduction in pneumococcal disease through both direct and indirect effects, a substantial burden of disease remains in both adults and children. Now more than ever, there is a need to help reduce vaccine preventable respiratory diseases and their impact on healthcare resource use. In this symposium we will discuss pneumococcal conjugate vaccines and how expanded valent vaccines can help protect vulnerable populations against serotypes that are important causes of pneumococcal disease.		
12:15	Welcome and Introduction	A. Torres M.-J. Bonten
12:30	Increasing uptake in at risk adults; making a strong recommendation for pneumococcal vaccination	F. Blasi
12:45	Building on success: advancements in paediatric PCVs	F. Martinon-Torres
13:00	Panel Discussion and Q&A	A. Torres M.-J. Bonten
13:14	Closing Remarks	A. Torres M.-J. Bonten
12:15 - 13:15		Hall O
Antimicrobial resistance in STIs		Chair

Antibiotics play a crucial role in treating infectious diseases, but the rise in antibiotic-resistant bacteria has become a significant healthcare concern. Among various antibiotic uses, addressing sexually transmitted infections (STIs) is noteworthy. In 2020, WHO estimated 374 million people were infected with major STI pathogens, making antibiotic resistance in STIs a pressing issue. Moreover, the emergence of antibiotic-resistant strains in diseases like gonorrhoea and mycoplasma has amplified the concern of antimicrobial resistance (AMR) in the context of STI management. This session will focus on new challenges in STI treatment and control, particularly the growing issue of antibiotic resistance.		J. Serra Pladevall ESCMID-appointed chair S. Jarraud
12:15	Welcome and Introduction	J. Serra Pladevall S. Jarraud
12:20	Global antimicrobial resistance (AMR) and molecular AMR prediction in STIs	M. Unemo
12:45	Genotypical resistance testing on <i>Neisseria gonorrhoeae</i> – a routine view from a lab	M. Obermeier
13:10	Panel Discussion and Q&A	J. Serra Pladevall S. Jarraud

12:15 - 13:15		Hall P
Tackling antimicrobial resistance in Europe: prevention through diagnostics as the best defense This eclectic combined presentation and panel session will bring together a healthcare professional, policy maker, economist and patient, collectively accounting for the key stakeholders and influencers in the field of antimicrobial resistance (AMR). The forum will present a unique opportunity to view the tackling of AMR holistically, from a macro, clinical, and personal perspective, analyzing the key challenges faced, practical solutions, and central role of diagnostics as our best defense against resistance.		Chair B. Oppenheim ESCMID-appointed chair T.-M. Leegaard
12:15	Welcome and Introduction	B. Oppenheim T.-M. Leegaard
12:20	Tackling AMR: economist perspective	O. Jonas
12:30	Tackling AMR: policy maker perspective	A. Ullmann
12:40	Tackling AMR: clinician perspective	J. Paiva
12:50	Tackling AMR: patient perspective	V. Carter
13:00	Panel discussion and Q&A	B. Oppenheim T.-M. Leegaard

13:00 - 13:20		Innovation Theater
TBC		
13:00	TBC	

13:00 - 14:00		Meeting Room 8.33
EUCAST - VetCAST		Meeting participant P. Damborg C. Giske G. Kahlmeter P.-L. Toutain

13:30 - 14:30		Arena 1
Streamlining the diagnostic workflow inside and outside the lab		Chair P. Naucier
13:30	Diagnostic stewardship in microbiology: pilot phase of automated rule algorithms integrated in the digital order entry process	V. Gisler
13:36	Process mapping of laboratory pathways for blood cultures: first critical steps for the development of simulators to optimise the management of bacteraemia	A. Gerada
13:42	An emergency department intervention to improve earlier detection of community-onset bloodstream infection among hospitalised patients	R. Cohen
13:48	Evaluation of bacterial vaginosis diagnosis by cytometry	M. Campos-Ruiz
13:54	How could total laboratory automation and artificial intelligence improve urine culture management in clinical microbiology?	J. Rovira-Plujà

14:00	Automated urine culture analysis and interpretation: a new deal for culture reading	P.-A. Falconnet
14:06	Evaluation of intra-individual sample pooling in the screening of Neisseria gonorrhoeae, Chlamydia trachomatis, and Mycoplasma genitalium by molecular test	I. Aparicio Calvente
14:12	Enhancing pandemic preparedness: the role of external quality assessment in mitigating emerging biological threats	T. Theis
14:18	The impact of comprehensive laboratory automation on workflow efficiency and turnaround time in the analysis of positive blood cultures and urine cultures in Taiwan	L. Tai Fen

13:30 - 14:30	Arena 2
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Global health potpourri: insight into diverse pathogens		Chair C. Rönnberg Reserve chair
13:30	Emergence of toxigenic Corynebacterium diphtheriae infections in elderly patients in Switzerland - report of an ongoing outbreak investigation	P. Urwyler
13:36	Comparative evaluation of microscopy and PCR-based identification of Ixodes pacificus and Ixodes scapularis In British Columbia, Canada	M. Morshed
13:42	Midgut microbiome show different transstadial dynamics with certain stable core microbes in a mosquito vector	B. Song
13:48	Comparison of the four European marketed kits for the serological diagnosis of amoebic abscess	E. Pretot
13:54	Toxoplasma qPCR kinetics to follow treatment of toxoplasmosis after haematopoietic stem cell transplantation	R. Aerts
14:00	The uprise of leishmaniasis in Tuscany, Central Italy: preliminary results from a multicentric study	A. Barbiero
14:06	Safety of a stage-specific approach to echinococcal cysts of the liver adjacent to the Inferior Vena Cava: a 22-year, single centre experience	F. Favaro
14:12	Estimation of human cystic echinococcosis in Albania: preliminary results from an ultrasound-based field survey	T. Manciuilli
14:18	Prevalence of water-borne diseases among people exposed to climate disasters in Mozambique: a cross-sectional study	F.-V. Segala

13:30 - 14:30	Arena 3
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Antimicrobial stewardship around the world		Chair I.-M.-C. Mweemba Reserve chair
13:30	Consumption and regulatory status of oral AWaRe antibiotics not included in the WHO essential medicines list: the Grey Group	S. Mathur
13:36	Global use of watch antibiotics in 2021	A. Muller
13:42	Antimicrobial appropriateness in Australian hospitalised patients with sepsis	Z. Rashidzada
13:48	First result from the outpatient module of the Global-PPS identifies key action points for antimicrobial stewardship among ten health facilities in Lagos, Nigeria	P. Oshun
13:54	Assessing variation in antibiotic use across ICUs in the Netherlands	R. Janssen
14:00	Impact of combined antimicrobial stewardship program on Gram-negative bacteria antibiotic consumption in a high–antibiotic resistance setting	M. Tomasello
14:06	Point prevalence study of antibiotic appropriateness and economical cost in tertiary care trauma hospital of northern India: data for action	R. Garg
14:12	Observed vs expected levels of empirical antibiotic usage based on the WHO AWaRe antibiotic book: a new benchmarking tool	M.-M. M. Swe
14:18	BeWaRe the antibiotic pre-pack or community prescription! Consumption of watch & reserve antibiotics issued from acute hospitals in the Midlands region of England	A. Jenkins

13:30 - 14:30	Hall A
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The syndemic of HIV and STIs		Chair J. Nosanchuk
The HIV pandemic continues despite major advances in our knowledge and expansion of preventative and active therapeutics. STI incidences and drug resistance to major STIs are increasing. Unfortunately, STIs and HIV are frequent co-travelers and STIs increase the likelihood of acquiring HIV. The keynote will address advances and challenges in this important area, which is of global importance.		
13:30		J. Marrazzo

13:30 - 14:30		Hall B
Small molecules, big ideas: groundbreaking antimicrobial strategies		Chairs B. Fries A. Oliver Reserve chair
13:30	Adjuvant-loaded lipid nanoparticles to increase the susceptibility of <i>Acinetobacter baumannii</i> to colistin	F.-D. Imtiyaz
13:42	Novel polymyxin analogs with promising activity against Gram-negative bacterial infections	T.-R. Rodrigues Grainha
13:54	Pharmacological evaluation of JS238 a newly designed potentiator of antibiotics against <i>P. aeruginosa</i> : an innovative strategy against multiresistant germs?	P. Rasouli
14:06	Characterisation of the <i>in vitro</i> bioactivity of cell-free supernatants from asymptomatic bacteriuria isolates against uropathogenic <i>Escherichia coli</i> in solid versus liquid media	C. Kenneally
14:18	Engineered <i>Saccharomyces boulardii</i> ameliorates the comorbid <i>Clostridioides difficile</i> infection in inflammatory bowel disease in mice by producing IL-22 in the intestine	L. Wang
13:30 - 14:30		Hall C
Healthcare-associated infections: data for action and prevention standards to improve patient safety		Chairs A. Hajdu E. Presterl
This 1-hour-symposium will focus on both the challenges of the best practices to reduce or prevent infections or MRDO carriage and on the latest data on healthcare-associated infections and antimicrobial use from the 3rd European point prevalence survey 2022-2023.		
13:30	Infection prevention and control standards and safe workflows for patients with special medical conditions	S. Tschudin Sutter
14:00	Healthcare-associated infections in Europe in the aftermath of the COVID-19 pandemic: results of the 3rd ECDC PPS	C. Suetens
13:30 - 14:30		Hall D
Non-tuberculous mycobacterial news		Chairs E. André E. Cambau Reserve chair
13:30	The chemogenomic makeup of mycobacterial drug interactions	B. Wicki
13:42	Validation and introduction of MALDI-TOF mass spectrometry to identify nontuberculous mycobacteria in liquid cultures in a Scottish reference laboratory	I. Laurenson
13:54	A loading dose of clofazimine to optimise treatment in patients with nontuberculous mycobacterial disease	R. Stemkens
14:06	<i>Mycobacterium abscessus</i> transmission and micro-evolution of resistance in a German cystic fibrosis centre	M. Diricks
14:18	Survival and causes of death in nontuberculous mycobacterial pulmonary disease: a nationwide register-based cohort study	A. Arnholdt Pedersen
13:30 - 14:30		Hall F
Top papers in immunocompromised infectious diseases		Chairs W. Clemente F. Lanternier
The aim of this 1-h symposium is to provide a critical appraisal of most recent and relevant publications on infections in solid organ transplant recipients, in patients undergoing hematopoietic stem cell transplant recipients and in those with primary immunodeficiency. The selection of the papers and their revision will be performed by expert leaders in the respective areas. Additional aims are to provide an overview on the last advances in the field of infections in the immunocompromised hosts and to draft a research agenda for the near future to cover the current gaps/unmet needs.		
13:30	Top papers in SOT ID	H.-H. Hirsch
14:00	Top papers in HSCT/primary immunodeficiency ID	C. Machado
13:30 - 14:30		Hall G

Reinventing MALDI-TOF applications in clinical microbiology		Chairs E.-A. Idelevich B. Rodriguez-Sanchez Reserve chair
13:30	Unleashing precision: subtyping carbapenem-resistant <i>Enterobacteriaceae</i> with advanced MALDI-TOF MS	J.-H. Baek
13:42	Mass spectrometric analysis of microbial polysaccharides: mission impossible or a powerful tool in routine diagnostics?	J. Hrabak
13:54	Application of MALDI-TOF mass spectrometry and machine learning for the detection of vancomycin-resistant <i>Enterococcus faecium</i>	M. Sánchez Cueto
14:06	The European network for the rapid identification of anaerobes part two: continuing the optimisation of the MALDI-TOF MS database	K. Boiten
14:18	MALDI-TOF identification for uncommon fungal pathogens, where do we stand?	M. Dutkiewicz
13:30 - 14:30		Hall H
Using foresight for disease preparedness and response		
Foresight is a systematic, interdisciplinary and methodological approach to synthesise evidence-based, forward-looking insights to explore different possible futures. It has a long background in the military and commercial worlds and as the empirical research field of “futures studies”. Recently, foresight elements are increasingly being applied in science and public policy, as societal challenges are becoming more and more volatile, uncertain, complex and ambiguous. In the health system, the use of foresight is in its infancy, with several EU efforts currently leading the way. In this session, experts from EU-agencies ECDC and EMCDDA will present results and considerations from ongoing EU-wide health-focused foresight programmes. The session will address future health threats and drivers, their impacts on (public) health systems, and concrete mitigating measures and policy options. It will also introduce practical foresight methods and how to use it strategically in science and public policy.		
13:30		G. Ikink
14:00		K. Palczak
13:30 - 14:30		Hall I
EUCAST Frequently Asked Questions in AST		
During this Meet-the-Expert session, EUCAST frequently asked questions will be answered and discussed in detail. This includes questions and topics relating to the full range of activities of the EUCAST Steering Committee, which can include new and revised disk diffusion testing methods, screening methods plus any breakpoint changes and related rationale. Issues regarding modifications to supporting dosage information, quality control testing and new bacterial species and antimicrobial agents added to the testing list will be also discussed.		
13:30		E. Matuschek
14:00		R. Canton
13:30 - 14:30		Hall J
Coloniser to pathogen: when good goes bad		Chairs S.-D. Brugger K. Patras Reserve chair
13:30	LPS charge as a switch between virulence and commensalism in <i>E. coli</i>	R. Bonnet
13:42	<i>Escherichia coli</i> O157:H7 intestinal colonisation studied by <i>in vitro</i> modeling: cellular invasion, actin remodeling, and activation of virulence genes	T.-E. Andersen
13:54	Adaptation to the host environment reduces <i>P. aeruginosa</i> susceptibility to antibiotics	S. Stoneham
14:06	<i>In vitro</i> modulation of innate immune response triggered by <i>Cutibacterium acnes</i> in an infected bone-site mimetic environment	L. Thoraval
14:18	<i>Rhbd12</i> mediates bacterial growth in a murine model of pneumococcal meningitis	D. Bakker
13:30 - 14:30		Hall K
Fungi: new and old diseases and drugs		Chair M. Rodrigues

		Reserve chair
13:30	Successful treatment of refractory COVID-19-associated CNS aspergillosis with olorofim	S. Schwartz
13:30	Disseminated histoplasmosis in a patient with myelofibrosis on ruxolitinib	T. John
13:30	Amphotericin B-induced ototoxicity in a successfully treated patient for cryptococcal meningitis relapse	P.-C. Olpoc
13:30	Big ulcers in a tiny preterm baby	N. Schöbi
13:30	Demographic and clinical data for individuals with invasive <i>Candida</i> infection receiving rezafungin during an early access programme in Germany and Italy	G. Viceconte
13:30 - 14:30		Meeting Room 8.32 (Hall 8.1 - CC8 upper floor)
Critically Ill Patients Study Group open meeting The official open business meeting for the ESCMID Study Group for Critically Ill Patients (ESGCIP). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.		Meeting host E. Alp Mese M. Bassetti C. Eckmann C. Roger
13:30 - 15:30		Hall E
Clinical practice guidelines on ID: present and future Guidelines play a crucial role in shaping the response to infectious diseases. They provide standardised and evidence-based recommendations for prevention, diagnosis, and treatment. The aim of this session is to offer new insights on developing clinical guidelines for infectious diseases, from methodological and clinical perspectives, and bring the ESCMID guideline programme closer to the ECCMID audience. The critical role of ethics in guideline creation will be specifically addressed. Insights into innovative methods for using AI in guideline development will also be shared.		Chairs M. Hulscher A. Nasim
13:30	Behind the curtain: how guidelines are made	B. Nagavci
14:00	IncOrPorating Ethics in clInical Guidelines: the ESCMID OPENING project	E. Righi
14:30	Artificial intelligence in guidelines development: opportunities and challenges	I. Florez
15:00	The future of guidelines: what's next	J.-R. Pano-Pardo
13:30 - 15:30		Hall L
Combatting the key challenges of CDI for better patient outcomes: an update from the COMBACTE-CDI study group The objective of this symposium is to profile C. difficile infection (CDI) guideline recommended best practice using the expert insight of the COMBACTE-CDI group, through data from real-world practice. Speakers will discuss the identified challenges and possible solutions to provide better care for patients with CDI.		Reserve chair
13:30	Welcome and Introduction	M.-H. Wilcox
13:35	Does the key to effective CDI management lie in diagnosis and testing for C. difficile?	K. Davies
13:55	The epidemiology of CDI: time to think beyond the walls of the hospital	M. Rupnik
14:10	Panel Discussion	M.-H. Wilcox
14:20	Tackling the challenge of CDI management first time and in recurrent infection	N. Petrosillo T.-D. Planche S. Wingen-Heimann
15:00	Panel Discussion and Q&A	M.-H. Wilcox
15:15	Time to challenge the status quo and deliver positive outcomes for our patients	F. Fitzpatrick
15:30	Summary and Close	M.-H. Wilcox
13:30 - 15:30		Hall P
RSV prevention offered to all infants: from theory to practice The educational symposium will feature interactive discussion regarding respiratory syncytial virus (RSV) disease epidemiology and burden of RSV in all infants. During the program leading experts in the field of		Chair F. Martinon-Torres ESCMID-appointed chair J.-M. Langley

RSV will review the evolving landscape and recommendations around RSV disease prevention strategies in infants and look back at local approaches for the prevention or RSV lower respiratory tract disease in infants during the 2023-24 RSV season.

13:30	Welcome and Introduction	F. Martinon-Torres J.-M. Langley
13:45	Burden of disease in all infants	A. Chatterjee R. Cohen
14:00	Strategies for prevention of RSV disease in infants	A. Chatterjee R. Cohen
14:20	Journey through the implementation of RSV disease prevention programs in infants	A. Chatterjee R. Cohen
14:40	Panel Discussion and Q&A	F. Martinon-Torres J.-M. Langley
15:00	Meet and Greet	F. Martinon-Torres A. Chatterjee R. Cohen J.-M. Langley

13:30 - 15:30	Meeting Room Vienna (Hall 8.0)
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General Meeting of the European Committee on Infection Control (EUCIC) Open meeting of the European Committee on Infection Control (EUCIC) and this meeting is open to all ECCMID 2023 registered persons (except Expo only badge).	Meeting host G. Birgand M.-A. Borg A.-W. Friedrich N.-T. Mutters E. Tacconelli C. Tsioutis
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14:00 - 14:20	Innovation Theater
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TBC	
14:00	TBC

14:30 - 14:50	Innovation Theater
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TBC	
14:30	TBC

14:45 - 15:45	Arena 1
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Improving diagnostics of invasive bacterial infections	Chair M. Doyle Reserve chair
14:45	Beyond the results: exploring antibiotic treatment decision-making factors for paediatric bacterial meningitis after a non-reactive multiplex-PCR meningitis/encephalitis syndromic panel result P. Favier
14:51	A multicentre, prospective, randomised controlled study to evaluate the impact of syndromic PCR testing on clinical efficacy and health economics in paediatric meningitis/encephalitis patients in China Y. Xia
14:57	Cerebrospinal fluid metabolome in adults suspected of a central nervous system infection: a prospective study of diagnostic accuracy S.-L. Staal
15:03	ChatGPT fails challenging the recent ESCMID brain abscess guideline S. Dyckhoff-Shen
15:09	How effective is disc space fluid/vertebral body cell differential in the diagnosis of native vertebral osteomyelitis? E. Berbari
15:15	Wide variability of the definition used in native vertebral osteomyelitis: an exploratory review F. Petri
15:21	Transcriptomic profiling of human- Staphylococcus aureus interactions: harnessing dual RNA-sequencing on fresh soft tissue biopsies A. Iizuka
15:27	Diagnosis of native joint septic arthritis revisited: multivariate analysis of a large cohort J. Boán
15:33	Development and validation of the baseline recurrence risk in cellulitis (BRRISC) score E. Cross

14:45 - 15:45		Arena 2
Sweeping up healthcare-associated Infections		Chair T. Dzinamarira Reserve chair
14:45	Impact of enhancement of traditional discharge cleaning methods with non-manual cleaning technology on the incidence of multidrug-resistant organisms (MDRO): a systematic review and meta-analysis	K.-Z. Linn
14:51	Optimising point-of-care disinfection: a comprehensive approach to selecting healthcare wipes in the post-pandemic era	H. Candon
14:57	The efficacy of a filtered handheld far-ultraviolet disinfection device in reducing environmental pathogens from high-touch clinical surfaces in healthcare setting	A. Spallone
15:03	Comparative analysis of disinfection effectiveness: standard disinfection vs hydrogen peroxide vaporisation (meta-analysis)	P. Jung Wan
15:15	Comparison of the microbiological efficacy of hydrogen peroxide and ultraviolet system for multidrug resistant isolation room decontamination	J. Kim
15:21	Could sampling the care home environment help prevent respiratory outbreaks?	R. Kwiatkowska
15:27	Comparing the predictive value of environmental surfaces screening for assessment of patient colonisation: VA-community living centres vs non-VA nursing homes	M. Cassone
15:33	Assessing the persistent effects of an extensive hospital cleaning initiative on healthcare-associated infections and multidrug-resistant microorganism colonisation in patients: a longitudinal study	E. Leite
14:45 - 15:45		Arena 4
Traditional and genomic epidemiology of fungal infection		Chair D.-W. Denning
14:45	Invasive aspergillosis in liver transplantation: a French nationwide retrospective cohort from 2007 to 2021	C. Le Hyaric
14:51	Invasive fungal infections after CAR T-cell therapy for B-cell lymphoma: study from the French DESCAR-T registry	A. Bouvier
14:57	What is the epidemiology associated with mould-positive blood cultures? Ten-year data from 30 French centres	T. Tala-Ighil
15:03	Genomic analysis of an outbreak caused by <i>Candida krusei</i> in a neonatal intensive care unit in Delhi, India	K. Jain
15:09	A ten-year molecular epidemiological investigation of pathogenic fungus <i>Candida pelliculosa</i> in Chinese hospitals	Z. Luo
15:15	Cryptococcosis caused by <i>Cryptococcus neoformans</i> and <i>Cryptococcus gattii</i> in a centre in northeast Brazil: clinical differences and lineage identification	A.-M. Barros Almeida Junior
15:21	<i>Candida</i> strains from positive blood cultures (BCs) demonstrate unrecognised within-patient diversity in genotypes, virulence-associated phenotypes and antifungal resistance	C. Clancy
15:27	Discovery of the sixth <i>Candida auris</i> clade: molecular epidemiology in Singapore	K.-K. K. Ko
15:33	Whole genome analysis of echinocandin non-susceptible <i>Candida glabrata</i> clinical isolates: a multicentre study in China	Y. Li
14:45 - 15:45		Fireplace area
Fireplace: The syndemic of HIV and STIs		Chair J. Nosanchuk
		J. Marrazzo
14:45 - 15:45		Hall B
The dish of the day: individualised antibiotic dosing in critically ill patients		
During the last decade, many academic groups investigated strategies for antibiotic dose optimisation, assuming that individualised dosing positively impacts efficacy and safety. Many intensive care units are now in the stage of implementing optimised dosing solutions. However, implementation is not always easy and dosing strategies (infusion mode, stratified/group based dosing/therapeutic drug monitoring/model-informed precision dosing) might differ for different antibiotics. The goal of this session is to discuss individualised antibiotic dosing optimisation strategies in critically ill patients, with a particular		

focus on vancomycin, piperacillin-tazobactam and ceftriaxone. Among others, several aspects will be discussed: rationale for dose optimisation, different possibilities of dose optimisation, and current state of the literature on impact of dose optimisation on efficacy/safety in the ICU setting.		
14:45		U. Liebchen
15:15		S. Tang Girdwood
14:45 - 15:45		Hall C
Clinical trials: respiratory bacterial infections		Chairs J.-A. Bielicki E. Polverino
A Phase 3, randomised trial investigating the safety, tolerability and immunogenicity of V116, an investigational adult-specific pneumococcal conjugate vaccine, compared with PPSV23, in adults ≥50 years of age (STRIDE-10)		V. Jotterand
A randomised controlled non-inferiority trial of placebo versus macrolide antibiotics for <i>Mycoplasma pneumoniae</i> infection in children with community-acquired pneumonia: trial protocol for the MYTHIC Study		P.-M. Meyer Sauter
Early oral step-down to amoxicillin is safe and effective for children hospitalised with severe community-acquired pneumonia: the PediCAP trial		V. Musiime
Combined use of a multiplex PCR and procalcitonin to reduce duration of antibiotics exposure in critically ill patients with community-acquired pneumonia (MULTI-CAP): a multicenter randomized trial		G. Voiriot
Effectiveness of a respiratory bundle to reduce tuberculosis transmission within households: interim analysis of a prospective, multicentre, controlled trial		M.-E. Balcells
14:45 - 15:45		Hall D
Don't forget the PETs in infection diagnosis and follow up		Chair M. Llewelyn Invited chair
Imaging can be helpful to identify inflammation or infection, however, evidence in this area is limited. A range of imaging modalities are increasingly utilised by infectious diseases clinicians, such as in bloodstream infection and vascular graft infection, yet remaining relatively absent from guidelines. Increasing evidence is emerging for the use of such platforms. The session will illustrate how imaging platforms, such as positron emission tomography (PET), have become more affordable and accessible worldwide and are becoming part of routine clinical practice in infection.		
14:45	PET in Gram-positive bloodstream infection	N. Ghanem-Zoubi
15:15	The use of PET in vascular graft infection	B. Hasse
14:45 - 15:45		Hall G
Nosocomial infection in the adult patient with ECMO support		Chairs R. Jordi A. Katsounas
Nosocomial infection is a frequently reported adverse effect in patients with ECMO (extracorporeal membrane oxygenation), and one of the main causes of death in patients receiving either respiratory or circulatory extracorporeal support. There is a need for standardised definitions with specific diagnosing criteria for nosocomial infections. Evidence-based protocols for prophylaxis and empiric treatment of these complications are lacking. Significant pharmacokinetic alterations have been reported in patients receiving ECMO. This hinders notably the adequate treatment of these complications. This session aims to provide a multidisciplinary analysis from international experts of this quite unexplored complex clinical setting.		
14:45	Source of infection, pathogens and definitions	M. Hernández-Meneses
15:15	Prevention, prophylaxis and empiric treatment	K. Szuldrzynski
14:45 - 15:45		Hall H
New treatments for CNS infections		Chairs O. Dzupova A. Mailles
Several important developments in the treatment of herpes encephalitis and progressive multifocal leukoencephalopathy have taken place in the last years. A randomised controlled trial on dexamethasone in herpes encephalitis in the United Kingdom has finished. Progressive multifocal leukoencephalopathy used to be a uniformly deadly disease, but the introduction of checkpoint inhibitor treatments (nivolumab and pembrolizumab) presented a new way of boosting the immune system and clear the JC- virus. In this session we will discuss these two treatments in CNS infections.		
14:45	Dexamethasone in herpes encephalitis: are all votes in?	T. Solomon
15:15	Progressive multifocal leukoencephalopathy treated by immune checkpoint inhibitors	G. Martin-Blondel

14:45 - 15:45		Hall I
Novel approaches for advanced antimicrobial susceptibility testing		Chairs H. Rohde M. Van Oosten Reserve chair
14:45	Optical trapping of bacteria for ultrafast bacteriophage lysis detection at the single-cell level	H. De Villiers De La Noue
14:57	From light to logarithms: insights on bacterial optical density changes and its translatability to high-inoculum 24-hour time-kill assays in daptomycin-resistant MRSA with combinations of antibiotics + bacteriophage	C. Bleick
15:09	Microbial morphology characterisation improves performance and time to result in holography-based antimicrobial susceptibility testing	L. Prisbrey
15:21	Towards an improved understanding of fosfomycin resistance in multidrug-resistant Gram-negative species; revealing the genomic landscape of <i>fosA</i>	S. Baines
15:33	Machine-learning assisted early flagging of extended-spectrum beta-lactamase harbouring bacterial strains in a phenotypic rapid AST system	C. Malmberg
14:45 - 15:45		Hall J
Post-exposure prevention of STIs with antibiotics: pros and cons		
The post-exposure prophylaxis of sexually transmitted infections (STIs) is a new concept of using a single dose doxycycline to prevent STI. After it was proven in RCTs to effectively prevent up to the 60% of cases, it was widely introduced in certain high-risk populations. The impact of this approach on antimicrobial resistance is yet unknown but remains an important concern for both future STI therapeutic options and antibiotic stewardship. Experts in the field will present pros and cons on the topic.		
14:45		A.-D. Gokengin
15:15		J.-M. Molina
14:45 - 15:45		Hall K
NTDs with skin manifestations: diagnostic and treatment challenges		Chairs H. Brekke A. Requena-Méndez
Skin condition affect over 900 million people each year leading to significant patient disability as well as public health problems. Tropical skin diseases are caused by a range of etiologies which are frequent but neglected in endemic areas and under/misdiagnosed in areas receiving migrants. There are large gaps of knowledge in recognition, diagnosis, treatment and research, both in endemic countries and in non-endemic countries where skin NTDs are often found among migrants and travelers. Several skin NTD's can represent manifestations of systemic diseases. There is also a severe lack of dermatologists globally leaving infectious diseases specialist often consulted on suspected skin infections. The first step to end neglect and misdiagnosis/management of these disabling conditions is increasing awareness and knowledge among health care professionals. Some skin NTDs of major public health concern of relevance to academics, clinicians and healthcare professionals working in the field will be discussed.		
14:45	Cutaneous leishmaniasis	J.-P. Gangneux
15:15	NTMs: Buruli ulcer and Hansen's disease	P. Legua
15:30 - 17:30		Meeting Room 8.41
Influenza guidelines, panel meeting		
16:00 - 17:30		Hall L
Rapid genomic detection and characterisation of pathogens using nanopore sequencing		Chair J. O'grady ESCMID-appointed chair N. Couto
This session delves into the transformative impact of genomics in clinical microbiology and infectious disease research. Genomic technologies have unlocked new possibilities, from whole-genome characterisation of microbial pathogens and plasmids to comprehensive profiling of infectious agents and		

antimicrobial resistance. Despite their potential, legacy sequencing platforms suffer from long turnaround times, high costs, and technical limitations. In this session, leading clinician researchers and scientists will elucidate the practical implementation of nanopore sequencing on-site, enabling rapid, low-cost microbial genomics for applications including real-time outbreak tracing in healthcare settings, an end-to-end workflow to identify mutations associated with tuberculosis drug-resistance, and metagenomic strategies capable of detecting viral, bacterial, and fungal pathogens, as well as antimicrobial resistance.

16:00	Welcome and Introduction	J. O'grady N. Couto
16:05	Bringing nanopore sequencing into the clinical microbiology setting with targeted approaches	P. Simner
16:25	Genomic surveillance of multidrug-resistant organisms based on long-read sequencing	F. Landman
16:40	Targeted sequencing for drug-resistant TB detection	A. Suresh
16:55	Clinical metagenomics and infection: where are we today	D. Eyre
17:10	Panel Discussion and Q&A	J. O'grady N. Couto

16:00 - 17:30 Hall M

Removing barriers and improving pathways for more effective diagnostics	ESCMID-appointed chair J.-P. Stahl
Healthcare facilities and laboratories face several challenges in implementing innovation and new approaches for strategies to improve diagnostic pathways and ultimately deliver optimal care. The session will give an opportunity to hear real-life examples on how some of the common barriers faced nowadays by clinical microbiology laboratories have been approached and addressed to improve the diagnostic pathways, in cases of both critical infections and routine diagnostics, leveraging innovation and change management.	

16:00	Welcome and Introduction	J.-P. Stahl
16:02	Unraveling diagnostics: identifying roadblocks and key focus areas to propel progress	G.-S. Babini
16:15	Optimising the blood culture pathway: moving from nice to do – to must do	J. Freeman
16:35	Cost benefit analysis of implementing a molecular approach for acute infectious gastroenteritis	J. Buesa
16:55	Automating the microbiology lab: navigating the path to enhanced laboratory efficiency	E. McElvania
17:15	Panel Discussion and Q&A	J.-P. Stahl

16:00 - 17:30 Hall N

Lessons learnt from vaccination campaigns: challenges and opportunities for the future	Chair P. Openshaw ESCMID-appointed chair P. Naucier
During this symposium we will: - Educate on the impact of high burden infectious diseases during the respiratory infectious disease pandemic(s) and post pandemic(s). - Highlight the current therapeutic gaps in our global respiratory infectious vaccinations programs globally including low vaccine uptake and increased vaccine hesitance. - Serve as a call to action to ID specialists and other key experts to ensure vaccination programs are sufficiently implemented by their primary care clinicians, at the community level.	

16:00	Welcome and Introduction	P. Openshaw P. Naucier
16:05	Burden of disease: what is the impact of high burden infectious diseases during the RID pandemic(s) and post pandemic(s)? What lessons have we learn post pandemic?	C. Russell
16:25	Limitation of current global vaccination programmes: what are the current unmet needs and gaps in our global RID vaccination implementation programs globally?	S. Maggi
16:45	Moving forward: what are the next steps that need to be taken to address these gaps and unmet needs? Who are the major stakeholders involved? How to we educate and ensure vaccine program implementation at primary care and secondary care level?	H. Ward
17:05	Improving collaboration: how to collaborate with regulators, governments and vaccine taskforces for improved understanding of the burden of disease in at-risk groups and the role of vaccination?	D. Salisbury
17:25	Panel Discussion and Q&A	P. Openshaw P. Naucier

16:00 - 17:30 Hall P

Superbugs, susceptibility, stewardship and clinical considerations: harnessing the power of multidisciplinary collaboration	Chair D. Paterson ESCMID-appointed chair
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Multidrug resistant Gram-negative (MDRGN) bacteria are increasingly implicated as infecting pathogens across a wide variety of patients particularly those receiving treatment for cancer, haematological conditions and transplant patients, in addition to those receiving care in intensive care units. The challenges of initiating appropriate and effective antibiotic treatment early, either empirical or guided by antibiotic susceptibility tests, can expose patients to increased risk of adverse outcomes, especially in neutropenic bacteraemia patients suffering from MDRGN infections, with a consequential impact on morbidity and mortality.

The 'Multidisciplinary team' approach has been fostered over decades in the care of Alzheimer's patients and other conditions. This symposium aims to bring together ID clinicians with specialists whose patients are impacted by MDRGN infections, to explore how the power of stronger multi-disciplinary collaboration can be harnessed in the care of some of the most complex patients.

16:00	Welcome and Introduction	D. Paterson E. Ruppe
16:04	SESSION 1: Expert perspectives on the management of MDRGNs in high-risk patient groups	
16:04	Risk factors and impact of MDR infections in patients with haematological malignancies	A. Sureda
16:12	The need for a more holistic approach to the challenge of infection management	R. Daniels
16:20	Risk factors, prevention and treatment of MDR infections in solid organ transplant recipients	P.-A. Grossi
16:28	Panel Discussion and Q&A	D. Paterson P. Munoz E. Ruppe S.-S. Kanj
16:38	SESSION 2: Complex cases in immunocompromised hosts	
16:38	A patient with fever and neutropenia after haematopoietic stem cell transplantation, in an area with high prevalence of multi-drug resistant Gram-negative pathogens	N. Sipsas
16:44	Panel Discussion and Q&A	D. Paterson P. Munoz E. Ruppe S.-S. Kanj
17:03	Unresolving fever in a transplant patient	M. Falcone
17:09	Panel Discussion and Q&A	D. Paterson P. Munoz E. Ruppe S.-S. Kanj
17:28	Concluding Remarks	D. Paterson E. Ruppe

16:15 - 17:15 Arena 1

Whole genome sequencing in virology		Invited chair Reserve chair
16:15	Unveiling the measles virus: insights from a phylodynamic analysis	N.-C. Dossou
16:21	Molecular characterisation of dengue virus one to four in the Philippines using next-generation whole genome sequencing	A.-K. Lee
16:27	Epidemiology, clinical presentation and whole genome sequencing of human respiratory syncytial virus in the 2022/2023 winter season	G. Ferrari
16:33	Nanopore sequencing with hierarchical clustering for antiretroviral resistance profiling of mixed human immunodeficiency virus (HIV) quasi-species in patients' plasma	G.-K.-H. Siu
16:39	SARS-CoV-2 Omicron variant from Bandung, Indonesia: whole genome sequencing analysis	D.-K. Turbawaty
16:45	Natural course and whole genome sequencing analysis of SARS-CoV-2 infections in patients with severe iatrogenic immunosuppression	E. Karofylakis
16:51	Bioinformatic analysis of whole genome sequencing of hepatitis B virus using long and short read technologies	F. Dyrkell
16:57	Genotyping of the hepatitis delta virus through whole genome sequencing	L. Chaves-Blanco
17:03	SMART-HCV: a simplified method for nanopore sequencing of whole hepatitis C virus genomes	N.-E. Dürr

16:15 - 17:15 Arena 3

Resistance to newer antibiotics: is our enthusiasm justified?		Invited chair Reserve chair
16:15	Susceptibility to ceftazidime-avibactam, imipenem-relebactam, meropenem-vaborbactam, aztreonam-avibactam, cefepime-taniborbactam and cefiderocol of <i>Escherichia coli</i> strains producing broad-spectrum β -lactamases: about the effect of PBP3 modifications	C. Le Terrier
16:21	Dissecting resistance mechanisms to aztreonam-avibactam among carbapenemase-producing <i>Escherichia coli</i>	C. Tellapragada
16:27	Relative inhibitory activities of newly-developed diazabicyclooctanes, boronic acid derivatives, and penicillin-based sulfone β -lactamase inhibitors, against broad-spectrum ampC β -lactamases	C. Le Terrier

16:33	In vitro activity of ceftibuten-avibactam against Enterobacterales collected in the 2022 ATLAS surveillance program stratified by site of infection	M. Hackel
16:39	In vitro activity of imipenem/relebactam against Klebsiella pneumoniae strains producing KPC beta-lactamases (KPC-Kp) isolated in Italy in the period 2016-2018	D.-M. Cirillo
16:45	The emerging concern of IMP-10 being resistant to the only IMP-type metallo-ß-lactamase inhibitor, xeruboractam	C. Le Terrier
16:51	In vitro activity of nacubactam (OP0595) in combination with β-Lactams against clinical isolates of Enterobacterales collected in four Asian countries from 2017 to 2021	H. Okade
16:57	Antimicrobial susceptibility profiles, resistance genomics and activity of new β-lactam/β-lactamase inhibitor combinations against clinical Pseudomonas aeruginosa isolates showing treatment-emergent resistance to ceftolozane/tazobactam and ceftazidime/avibactam	J. Arca-Suárez
17:03	Activity of cefepime/enmetazobactam, a new betalactam/betalactamase inhibitor combination, against multidrug-resistant Enterobacterales and Acinetobacter baumannii	M. Delgado Valverde
16:15 - 17:15		Hall A
New frontiers in microbiome and human health Microbiome research aims at understanding how the microbiota influences and responds to diseases, as well as uncover the mechanisms behind the disease itself. Microbiome and metagenomics studies have confirmed the importance of the microbiota to human health and diseases. Next-generation sequencing (NGS) and metagenomics allow to study the human microbiome and host-microbiota interactions. Prof Nicola Segata will provide an overview of the use of such technologies to understand how the microbiome can modulate the virulence profile and antibiotic resistance of human infections.		Chairs J. Moran-Gilad M. Ramirez
16:15		N. Segata
16:15 - 17:15		Hall B
Those who are now named: identifying “difficult” bacteria A difficult to identify bacterium has been isolated. Can it be identified using MALDI-TOF MS? If not, which other methods are available for identification and is partly sequencing the 16S rRNA gene sufficient for all genera? Is the sequencing of the 16S rRNA gene distinguishing enough for all different genera? Should antimicrobial susceptibility testing (AST) be performed? What is the impact on the treatment of the patient regarding identification and determining the antimicrobial susceptibility profile? This session will discuss different laboratory approaches for identification of isolates which fail initial identification using a range of available methods such as customised MALDI TOF analysis, broad range PCR and whole genome sequencing. Emphasis will be placed on the application of these methods in the laboratory workflow and providing time critical results.		
16:15		B. Rodriguez-Sanchez
16:45		A.-C. Veloo
16:15 - 17:15		Hall D
Emerging strategies for invasive fungal disease management Invasive fungal diseases (IFD) infect an expanding population of patients. Given the limited of antifungal drug classes and complexity of diagnosis, it is essential that we embrace novel diagnostics and therapies to improve quality of life and prognosis. In this symposium, experts in immune enhancement therapies and the use of artificial intelligence to aid in the management of IFD will present and discuss the latest developments, highlighting their potential but also their limitations and barriers to incorporation into current routine practice. This symposium will provide a platform to enhance knowledge in these rapidly expanding fields.		
16:15		C. Garcia Vidal
16:45		A. Khanina
16:15 - 17:15		Hall E
Prevention of transfusion-associated infections This 1-hour symposium will provide an update on blood donation screening aiming to reduce the number of transfusion transmitted infections (TTI). The session will focus on areas of clinical importance and current controversy, namely HBV and malaria screening. The session will explore the knowns and unknowns of occult HBV infection, from a clinical and scientific perspective. The second talk will focus on malaria screening of blood donors, an increasingly important topic especially now when mosquito-borne diseases continue to spread in Europe. Presentations will be illustrated with real-life examples.		Chairs S.-G. Dudman T. Van De Laar
16:15		W. Irving
The challenges of occult HBV infected donors		

16:45	Preventing transfusion-associated malaria in Europe	S. Le Cam
16:15 - 17:15		Hall G
New data on the management of community-acquired pneumonia		Chairs P. Retamar Gentil B. Sinha Reserve chair
16:15	Haemophilus influenzae-related hospitalisations in Denmark: trends from 1998 to 2021	O. Reza Hosseini
16:27	How empirical treatment of pneumonia cases by general practitioners impacts Legionnaires' disease surveillance in Switzerland	M.-N. Wymann
16:39	Immune dysregulation magnitude and its predictive value in pneumonia outcomes: a multicohort study across care settings	E.-H.-A. Michels
16:51	Clarithromycin for early anti-inflammatory responses in community-acquired pneumonia: a subgroup analysis of the ACCESS study	E. Giamarellos-Bourboulis
17:03	Ceftobiprole versus ceftriaxone ± linezolid in community-acquired bacterial pneumonia (CABP): re-analysis of a Phase 3 study according to the FDA-CABP-2020 guidance	T. Welte
16:15 - 17:15		Hall I
Tough nuts to crack: the challenges and future of VRE infection and treatment Vancomycin-resistant enterococci are notoriously difficult pathogens to combat, due to a combination of their intrinsic and acquired antibiotic resistance, general hardiness and ability to persist in a variety of environments, and their propensity to infect vulnerable individuals. In this session, experts in the field of enterococcal infections will present data on novel therapeutics and novel strategies for these often recalcitrant infections.		Chairs E. Calbo G. Werner
16:15	Immunomodulatory approaches to treating VRE infection	K. Kline
16:45	Combinatorial treatment strategies for VRE	J.-M. Miro
16:15 - 17:15		Hall J
Non-culture detection in action!		Chair A.-R. Freitas Reserve chair
16:15	Detection of mucormycosis with next-generation sequencing of microbial cell-free DNA in a quaternary care hospital	F. Centeno
16:15	Mycobacterium avium lung disease presenting as solitary pulmonary lesion with elevated FDG uptake: report of two cases and literature review	Y. Yao
16:15	Breaking diagnostic barriers: direct from sample detection of non-culturable pathogen Orientia tsutsugamushi by next-generation sequencing at a tertiary care hospital in eastern India	M. Dasgupta
16:15	Lentivirus precision identification through molecular method in challenging fungemia case	U.-A. Zainulabid
16:15	Metagenomics assists in the diagnosis of a refractory, culture-negative pyoderma gangrenosum-like ulcer caused by Helicobacter cinaedi in a patient with primary gammaglobulinemia	M.-L. Zhou
16:15 - 17:15		Hall K
Late-breaking research from The Lancet group This symposium will feature just-released publications from different Lancet journals. Publications will be presented by their authors and will focus on emerging infections. Editors from The Lancet Microbe and The Lancet Infectious Diseases will moderate the session.		Chairs S.-S. Hassan O. Sekkides
16:15 - 17:15		Meeting Room Munich (Hall 8.0)

Compromised Host Infections Study Group open meeting

The official open business meeting for the ESCMID Study Group for Infections in Compromised Hosts (ESGICH). Open to all ECCMID registrants who are interested in learning more about the topic or joining the Study Group.

Meeting host

E. Cordero Matia
M. Giannella
M.-G. Ison
N. Mueller
M. Slavin

16:15 - 18:15

Hall C

Infection prevention and control (IPC) around the world: learning from each other

Infection prevention and control (IPC) is fundamental for medicine. There are principles and standards of IPC, but implementation and practice are dependent on local factors, e.g. infrastructure, e.g. hospital design, operational organisation or cultural attitude. Being a cross-sectional medical discipline not only involving the patient management but also the hierarchical functionalities and the technical infrastructure, IPC is constantly evolving in accordance with the clinical operation of hospital. All over the world, hospitals care delivers safe patients care but may have different approaches also including the IPC practices. This symposium will address the challenges for IPC in hospitals in different settings of the world, and the differential ways to cope with these challenges thus leading a way to learn and improve.

Chairs

K. Hussein
A. Katsounas

16:15 Challenges and practices for IPC: diverse populations, environment and pathogens

R. Ananthanarayanan

16:45 Preventing surgical site infections

P. Nthumba

17:15 The role of the microbiology lab in IPC

C. Rodrigues

17:45 Surveillance of multidrug-resistant microorganisms

A. Apisarnthanarak

16:15 - 18:15

Hall F

The big cinema of treating infectious diseases: blockbusters and evergreens

When speaking about treating infectious disease, some topics stay the same for generations of ID specialists, clinical pharmacologists and microbiologists and new topics have the potential to become a matter of debate. Thus, the current session sets out to address two of the biggest ID evergreens, i.e. the therapeutic index of antibiotics and antimicrobial regimens to treat deep seeded bacterial infections, and 2 topics which became most popular during the last decade, namely antimicrobial drug-drug interaction and continuous infusion of antibiotics.

Chairs

G. Rao
J. Roberts

16:15 The good, the bad and the ugly: the reality behind antibiotics with broad and narrow therapeutic index

M. Hites

16:45 Highlander, there can be only one: clinically relevant drug interactions with antimicrobials

M. Zeitlinger

17:15 Mission Impossible? Treatment of deep-seated infections and biofilms

O. Ciofu

17:45 From dusk till dawn: what is the real value of continuous antibiotic infusion at the ICU?

I. Spriet

16:15 - 18:15

Hall H

Antimicrobial stewardship accreditation programmes around the world

Antimicrobial stewardship (AMS) is a key element of tackling the global threat of antimicrobial resistance (AMR). Although included in the WHO action plan on AMR and in country-level action plans, reliable and sustainable AMS programmes (ASP) have not been widely achieved. The audience will learn about the current position of ASP in different settings and the role of accreditation in supporting improvement and shared learning.

Chairs

C. Pulcini
R.-A. Seaton

16:15 Antimicrobial stewardship accreditation in Africa

I.-M.-C. Mweemba

16:45 Antimicrobial stewardship accreditation in India

A.-R. Warriar

17:15 Antimicrobial stewardship accreditation in Australia

K. Thursky

17:45 Antimicrobial stewardship accreditation in Spain

A. Lopez

16:30 - 18:00

**Meeting Room
8.28/8.29**

ESCMID Council Meeting

Meeting host

R. Skov

A. Zinkernagel
Meeting participant
 E. Cambau
 J.-S. Friedland
 A.-W. Friedrich
 A. Kantele
 M. Müller
 J.-R. Pano-Pardo
 M. Sanguinetti

17:15 - 19:00

Meeting Room
8.34/8.35

TAE SC with TAE National Representatives

Meeting participant
 S. Asten
 C. Bulescu
 G. Caruana
 Y. Kherabi
 C. Kraef
 F. Mediolli
 C. Neidhöfer
 G. Pellejero
 N. Power
 P. Velikov

17:30 - 18:30

Arena 2

Novel experimental approaches to Gram-positive and mycobacterial infections

Chair
 J. Nemeth
Reserve chair

17:30	Vancomycin efficacy boosted by an enzymatic cocktail adjunct therapy in prosthetic joint infections: <i>in vitro</i> and <i>in vivo</i> demonstration of synergy	R. Buzisa Mbuku
17:36	<i>Staphylococcus epidermidis</i> phage activates metabolic and biosynthetic processes in stationary cells	L. Melo
17:42	Biomimetic human tuberculosis granulomas: a novel experimental platform for studying host-pathogen interactions	I. Wiggers
17:54	Improved antibiofilm activity of dalbavancin, daptomycin and fosfomycin with newly isolated phages against vancomycin-resistant <i>Enterococcus</i> spp.	A. Irigoyen-Von-Sierakowski
18:00	GlnR activated transcription of nitrogen metabolic pathway genes facilitates biofilm formation by <i>Mycobacterium abscessus</i>	C. Haiqing
18:06	Interplay of <i>Mycobacterium abscessus</i> and <i>Pseudomonas aeruginosa</i> in coinfection: biofilm dynamics and host immune response	V. Campo-Pérez
18:12	The lung-on-chip model for delineating the interplay of infection and inflammation in non-tuberculous mycobacterial lung disease	M. Meir
18:18	Sliding motility and biofilm formation of rough and smooth <i>Mycobacterium abscessus</i> clinical isolates recovered from patients with cystic fibrosis	M. Cano Fernández

17:30 - 18:30

Arena 4

Fungal infections: news from the lab

Chair
 J. Meletiadis
Reserve chair

17:30	Automation of the EUCAST antifungal susceptibility testing of <i>Aspergillus</i> species using spectrophotometric reading for MIC interpretation	T. Nguyen
17:36	Evaluation of four different laboratory methods to detect terbinafine resistant dermatophytes including a newly commercialised terbinafine gradient strip, EUCAST microdilution E.Def 11.0, a commercial PCR detecting terbinafine resistant strains and squalene epoxidase sequencing	R. Sacheli
17:42	Comparison of EUCAST and CLSI broth microdilution MICs of ten antifungal agents using a representative international collection of <i>C. auris</i> isolates	M. Siopi
17:48	The role of serial testing of serum cryptococcal antigen in liver transplant recipients: a descriptive epidemiology	T. Miwa
17:54	IFN- γ ;+CD154+CD4+T cells% could differentiate cross reaction from TB infection in cryptococcosis patient	L.-H. Zhou

18:00	Cell-free DNA differentiates between invasive Aspergillus infection and colonisation in lung transplant recipients	Y. Hamad
18:06	It's time for new galactomannan antigen tests: evaluation of the VirCLIA chemiluminescence immunoassay in the diagnosis of aspergillosis	E. De Carolis
18:12	Myco/F Lytic blood culture increases fungal diagnostic yield in patients with HIV	T.-H. Nguyen
18:18	Candida auris MIC testing by EUCAST, CLSI and strip tests; to be or not to be amphotericin B resistant?	M.-C. Arendrup
17:30 - 18:30		Fireplace area
Fireplace: New frontiers in microbiome and human health		Chairs J. Moran-Gilad M. Ramirez
		N. Segata
17:30 - 18:30		Hall A
Year in Clinical Microbiology		Chairs F. Can A. Papa-Konidari
The "Year in.." sessions are very well-attended 1-hour Symposia during which two speakers present a common review of the recent literature on the topic. ECCMID 2024 will feature 4 "Year in.." sessions: Infectious Diseases, Clinical Microbiology, Infection Control and Public Health.		
17:30		P. Munoz
18:00		A. Tambic Andrasevic
17:30 - 18:30		Hall B
How to use follow-up blood cultures in patients with Gram-negative bacteraemia		
One of the most controversial practices in the management of patients with Gram-negative bloodstream infection (GN-BSI) is follow-up blood culture (FUBC). Several real-world studies reported that FUBCs are associated with favorable outcome after adjustment for confounders. However, the potential findings of false positive results, the low rate of diagnostic yield, and the presumed negative impact on treatment duration and length of hospital stay have been raised as potential concerns. Thus, a strategy to optimise the use of FUBC in GN-BSI patients, maximising their favorable impact on outcome and minimising risk of false results and over costs could be useful. This Meet-the-Expert will address how to set up a targeted FUBC strategy in the clinical management of patients with Gram-negative bacteraemia.		
17:30		J. Thaden
18:00		Y. Mo
17:30 - 18:30		Hall D
Drug resistance in fungi: a growing issue		Chairs S. Schelenz A. Alastruey-Izquierdo
17:30	Azole resistant A. fumigatus in the Danish environment: a 3-year study	M.-C. Arendrup
17:42	Azole-resistant Aspergillus fumigatus sensu stricto isolates collected from two surveys conducted in Spain (ASPE IN I and II) belong to TR ₃₄ -L98H genotypes	J. Guinea
17:54	The ReCap study, a French nationwide multicentre prospective study of azole resistance in Candida parapsilosis	A. Fekkar
18:06	Emergence of multiple fluconazole-resistant Candida parapsilosis sensu stricto clones with persistence and transmission in China	Y.-T. Ning
18:18	Exploration of fluconazole resistance mechanism and genetic relatedness among fluconazole resistant Candida tropicalis strains in India	A. Kaur
17:30 - 18:30		Hall E
Leishmaniasis: from skin to spleen		Chair G.-N. Malavige

		Reserve chair
17:30	Usefulness of biomarkers in the management of active chronic visceral leishmaniasis with HIV coinfection: report of three cases	J.-V. San Martin
17:30	Visceral leishmaniasis with cutaneous involvement and macrophage activation: a case report from a non-endemic region in India	D. Tanwar
17:30	Chronic granulomatous laryngitis and tracheobronchitis caused by <i>Leishmania</i> sp.	S. Ruiz
17:30	When a hoarse whisper reveals a parasitic performance.	A. Spyrou
17:30	Gulp!...a lump in the throat! A rare case of pharyngeal leishmaniasis	M. Cotrufo

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17:30 - 18:30		Hall G
Immunity against infectious diseases: views from resource-limited settings		Chair F. Baldanti Invited chair
17:30	Altered chemokine receptors expression of CD4 ⁺ T cells: a signature of visceral leishmaniasis	S. Upadhyay
17:42	Unveiling altered neutrophil dynamics in erythema nodosum leprosum: insights into type 2 leprosy reaction	K. Sharma
17:54	Different microRNA profiles in the circulation are associated with different clinical presentations of <i>Leishmania donovani</i> infection	R. Roy
18:06	A multi-omics analysis of CSF reveals the differential immunopathology molecular mechanisms underlying viral encephalitis and autoimmune encephalitis	J. Ai
18:18	Evaluation of bactericidal responses of human PMN against multidrug-resistant (MDR) clinical isolates of <i>Providencia Stuartii</i> and <i>Providencia Rettgeri</i> .	J.-E. Castro Vásquez

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17:30 - 18:30		Hall I
What's new in influenza and COVID-19 vaccination?		Chairs T.-G. Krause J.-M. Langley Invited chair Reserve chair
17:30	Safety and immunogenicity of an mRNA-based seasonal influenza vaccine (mRNA-1010) in healthy adults	M. Soens
17:42	Investigational influenza vaccine and COVID-influenza combination vaccine development update	V. Shinde
17:54	Boosting antibody neutralisation breadth against emerging Omicron subvariants with monovalent mRNA, bivalent mRNA or Nuvaxovid vaccine as 2 nd booster: interim results from Phase D of PRIBIVAC, a randomised clinical trial	X.-Y. Poh
18:06	Evaluation of infection outcomes and estimated vaccine effectiveness during COVID-19 outbreaks in European long-term care facilities, July 2021 to April 2022	A. D Ambrosio
18:18	Timing of maternal vaccination against COVID-19 for effective protection of neonates: a cohort study from South Korea	A. Nowakowska

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17:30 - 18:30		Hall J
The sustainable microlab: how green can we become?		
Building on the rising awareness of wasted resources during laboratory work practice and considerable costs they may incur, this session aims to bridge the gap between theory and practice by providing hands-on examples how CM and research laboratories can live up to their responsibility of sustainability. In a time of increasing energy costs and ongoing climate change with implications on health and diseases, laboratory practices have a large carbon footprint and thereby contribute to the very problems that scientists are trying to solve. This session will provide hands-on recommendations by sharing experiences how local laboratories can contribute to the worldwide challenges of climate change & health. Practical examples will be highlighted and first steps to tackle sustainable transformation in the CM lab will be shared, allowing both CM professionals and laboratory technicians alike to translate these into their local laboratory management and daily work practice.		
17:30		J. Kilcoyne
18:00		S. Scott

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20:00 - 21:30		Moche Room
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Reception general assembly of members

Chairs

- E. Cambau
- J.-S. Friedland
- A.-W. Friedrich
- A. Kantele
- J. Moran-Gilad
- J.-R. Pano-Pardo
- M. Sanguinetti
- R. Skov
- A. Zinkernagel

08:30 - 09:30		Arena 1
Brainstorming viral CNS infections		Reserve chair
08:30	Optimal encephalitis/meningitis roadmap via precise diagnosis and treatment (IMPROVE)	Z. Haocheng
08:36	Aetiology and diagnostic methods in viral acute central nervous system infections	C.-P. Popescu
08:42	Differential immune determinants of severity revealed by multi-omics in viral encephalitis and autoimmune encephalitis	Y. Zhang
08:48	Clinical, biochemical, and radiological perspectives on dengue encephalopathy and encephalitis	N.-K. Midha
08:54	Comparison of clinical, laboratory and outcome characteristics of patients with West Nile virus and Toscana virus encephalitis: a seven-year retrospective observational study	F. Mediolì
09:00	New insights into the epidemiology, clinical features and neuroimaging in rabies encephalitis: a prospective study from a tertiary care hospital in north India	M. Mohata
09:06	New insights into the therapeutic management of varicella zoster virus meningitis: a series of 123 PCR-confirmed cases	M. Dulin
09:12	Functional outcome after infectious encephalitis: a longitudinal multicenter prospective cohort study	P. Fillatre
09:18	Phage immunoprecipitation sequencing in the aetiological diagnosis of neurological disorders	F. F. Li
08:30 - 09:30		Arena 3
The cutting edge in respiratory tract infections		Chair M. Akova Reserve chair
08:30	Unveiling the etiology of peritonsillar abscess using next generation sequencing	R. Mändar
08:36	Lower mortality rates in CAP patients with <i>Haemophilus influenzae</i> detection	D.-L. Markussen
08:42	<i>Pseudomonas aeruginosa</i> <i>las</i> gene variants and microbiome diversity in bronchiectasis	R. Hull
08:48	Rapid and accurate detection of whooping cough in clinical samples	S. Zimmermann
08:54	High risk of severe and recurrent pneumonia caused by <i>Haemophilus influenzae</i> in adults: results of a French hospital-based multicentric study	M. Garzaro
09:00	Outbreak of <i>Chlamydia pneumoniae</i> respiratory infections in west Switzerland	F. Tagini
09:06	Incidence of acute lower respiratory tract disease in adults presenting to primary care in Bristol, UK	R. Mears
09:12	Exclusive oral antibiotic treatment for hospitalised community-acquired pneumonia: a secondary analysis of a randomised clinical trial	A. Dinh
09:18	Doxycycline for in-patient with community-acquired pneumonia: propensity matched retrospective cohort study	G. Drozdinsky
08:30 - 09:30		Hall B
New solutions for susceptibility testing, pathogen detection and surveillance		Chairs G. Greub A. Novais Reserve chair
08:30	Non-invasive <i>in vivo</i> detection of <i>S. aureus</i> infection using a specific SPECT radiotracer in an animal model of infective endocarditis	B. Salinas
08:42	Monitoring chemical changes in the extracellular growth environment for novel and rapid antibiotic susceptibility testing of bacterial isolates	A. Van Der Linden
08:54	Solutions to unlock low-biomass air microbiome for public health pathogen and AMR surveillance using metagenomics	M. Hermine
09:06	Shotgun metagenomics on air: Longitudinal surveillance of viral pathogens in a daycare center	M. Karatas
09:18	Bacterial impedance cytometry (BIC): gaining insights into bacterial responses to antimicrobials	L. Bock
08:30 - 09:30		Hall K
New diagnostic tools for fungal infections		Chairs B. Willinger A. Alanio

08:30	The spatiotemporal localisation of a pan-Mucorales specific antigen: a promising diagnostic biomarker for mucormycosis	A. Hudson
08:42	Mucormycosis molecular epidemiology reveals Mucorales PCR inputs to diagnose Rhizomucor infections in neutropenic patients	S. Imbert
08:54	Screening high-risk haematology patients using Mucorales qPCR is associated with better survival	L. Millon
09:06	Role of invasive specimen collection following non-invasive mould plasma cell-free DNA PCR testing: a retrospective study in a tertiary medical centre in North America	A. Lieu
09:18	Multicentre evaluation of the VIRCLIA Galactomannan assay on serum in two cohorts of haematology patients with suspected invasive fungal disease	H. Lamberink

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08:30 - 10:30		Hall A
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Clinical Grand Round		Expert S.-S. Kanj D.-P. Kontoyiannis D. Paterson P. Rupali S. Sriskandan Moderator R.-C. Read
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08:30	Case 1	C. Russo
08:45	Case 2	B. Lee
09:00	Case 3	C.-G. Berto
09:15	Case 4	Y. Givon Cohen
09:30	Case 5	T. Holowka
09:45	Case 6	K. Ayden
10:00	Case 7	Y. Zhao

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08:30 - 10:30		Hall C
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Infections and inborn errors of immunity: when to think and how to act Inborn errors of immunity are a group of diseases that affect adults and children that are caused by the quantitative and/or functional alteration of different mechanisms involved in the immune response. Patients with inborn errors of immunity are susceptible to infections of variable severity that, if not adequately treated, can be fatal or leave sequelae that worsen the quality of life of patients. Besides, they are also associated with autoimmunity, autoinflammatory disorders, neoplasms, and allergies. The differences in their clinical-immunological manifestations, especially the type of infections they present, are related to the molecular alteration in each case. An early diagnosis of inborn errors of immunity, the prevention and treatment of infectious diseases and the establishment of target therapy of the immune dysregulation is essential to improve patients with PIDs outcomes.		Chairs E. Cordero Matia R. Oladele
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08:30	Genetic predisposition for infectious diseases	
09:00	When should an inborn error of immunity be suspected in an adult?	S. Burns
09:30	Immunomodulatory therapy: when antibiotics are not enough	S.-M. Holland
10:00	Antimicrobial prophylaxis in patients with inborn errors of immunity	O. Neth

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08:30 - 10:30		Hall D
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Controversies and challenges in antifungal therapy Invasive fungal diseases are important causes of morbidity and mortality in immunocompromised and critically ill patients. Optimising antifungal therapy (AFT) is critical to improve quality of life and outcome. In this symposium, experts in clinical medicine, mycology and pharmacology will discuss current everyday topics of AFT including the current role of combination AFT, indications and implementation of therapeutic drug monitoring, appropriate dosing of AFT in critically ill patients, and the latest data on new antifungal agents. This symposium will provide a platform for all involved in AFT and delineate evidence and gaps in knowledge in currently debated areas of AFT.		Chairs A.-H. Groll N. Khanna
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08:30	Reassessment of antifungal combination therapies: misuse vs. rational indications	M. Slavin
09:00	Therapeutic drug monitoring: current indications and practical implementation of individualised dosing	R.-E. Lewis
09:30	Individualised dosing in the ICU: weight, third space, albumin, replacement therapies and other conundrums	R. Brüggemann

10:00	New antifungal agents: latest developments and future perspectives	M. Hoenigl
08:30 - 10:30		Hall E
New approaches for malaria screening, management and prevention After COVID-19 pandemic the number of travellers rises again and prophylaxis of infectious diseases in travellers as well as a rising in infected cases reappeared in the spotlight. In this symposium, new data in malaria screening, management, and chemoprophylaxis will be discussed. Moreover, the best practices for patient management to prevent parasite transmission from donors to recipients of blood transfusion and transplantation will be presented.		Chairs E. Bottieau P. Schlagenhauf
08:30	Screening for imported malaria: who, how and why?	A. Färnert
09:00	Management of malaria cases in the era of drug resistance	P. Guerin
09:30	Prevention and management of transplant/transfusion-associated malaria in non-endemic countries	F. Norman
10:00	Malaria prophylaxis: new recommendations and alternative dose schedule	E. Schwartz
08:30 - 10:30		Hall F
Management of infections caused by multi-drug resistant organisms: challenges and solutions		Chairs M. Falcone S. Jarraud Reserve chair
08:30	Epidemiology, management, and outcomes of infections caused by metallo- β -lactamases-producing Enterobacterales (MBL-EB) in Greek intensive care units (ICUs)	V. Tsolaki
08:42	Heteroresistance towards three clinically relevant antibiotics in 255 bloodstream infection <i>Escherichia coli</i> isolates: prevalence and treatment outcome	S. Jonsson
08:54	Antibiotic coverage and association with mortality in neonates with sepsis in LMIC	W. Stöhr
09:06	Ceftazidime/avibactam combination therapy does not impact on patient's mortality in carbapenem-resistant Gram-negative bacilli infections	N. Corti
09:18	Clinical characteristics and outcomes of bloodstream infections caused by metallo-beta-lactamase-producing Enterobacterales in Argentina	E. Cordova
09:30	Efficacy of fosfomycin-containing therapeutic regimens for the treatment of severe infections caused by carbapenem-resistant <i>Klebsiella pneumoniae</i> and <i>Acinetobacter baumannii</i> in critically ill patients	A. Curtolo
09:42	Clinical outcomes and factors associated with optimal antimicrobial therapy in Gram-negative bloodstream infections: a post-hoc analysis of a comparative study of rapid vs. conventional antimicrobial susceptibility testing	V. Anton-Vazquez
09:54	Ceftazidime-avibactam plus aztreonam in the treatment of infections due to <i>Enterobacter cloacae</i> producing metallo- β -lactamases	J. Boán
10:06	Time to clinical response among patients treated with ceftazidime-avibactam versus ceftolozane-tazobactam for multidrug-resistant <i>Pseudomonas aeruginosa</i> infections in the United States (CACTUS)	R. Shields
10:18	Bactericidal combination regimens against carbapenem-resistant <i>Pseudomonas aeruginosa</i> : treatment and outcomes	T.-P. Lim
08:30 - 10:30		Hall G
Streptococcal infection: from invasive infection to post-infectious sequelae Group A Streptococcus is an important human pathogen that can cause a wide spectrum of infections, ranging from mild superficial infections of the throat or skin to invasive infections as well as post-streptococcal sequelae. Collectively, group A streptococcal infections and its immune-mediated sequelae contribute to over half a million deaths globally. Also, Streptococcus dysgalactiae subspecies equisimilis has recently gained a lot attention as an emerging cause of invasive infections. In this session, the speakers will cover clinical, epidemiologic and pathogenic aspects of these infections.		Chairs L.-M. Palma Medina M. Ramirez
08:30	Group A <i>Streptococcus</i> : burden of disease	P. Smeesters
09:00	<i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> : an emerging cause of invasive infections	O. Oppegaard
09:30	Invasive group A and B streptococcal infections in women and children	A. Seale
10:00	Post-streptococcal sequelae: acute rheumatic fever and rheumatic heart disease	L. Zuhlke

08:30 - 10:30		Hall H
Therapeutic expedition: mining old and new drugs and dosing strategies		Chairs J. Molina Gil-Bermejo T. Tängdén Reserve chair
08:30	Oral fosfomycin as sequential oral treatment for multidrug-resistant <i>Escherichia coli</i> in acute bacterial prostatitis: the FOS-PROST Study	L.-M. Gisbert Pérez
08:42	Oral zoliflodacin is non-inferior to a combination of ceftriaxone and azithromycin for treatment of uncomplicated urogenital gonorrhoea: results of a large global Phase 3 randomised controlled trial	A. Luckey
08:54	Clinical efficacy of cefiderocol, ceftazidime-avibactam plus aztreonam combination or best available treatment in metallo-beta-lactamase producing Gram-negative bacteria infection. Are new treatments better than old ones?	A. Gavaud
09:06	Safety, tolerability, and pharmacokinetics of single- and multiple-dose cefiderocol in hospitalised paediatric patients with infections: results of the PEDI-CEFI Phase 2 study	J.-S. Bradley
09:18	Efficacy and safety of ibezapolstat compared with vancomycin for the treatment of <i>Clostridioides difficile</i> infection: a Phase 2, randomised, double-blind study	K. Garey
09:30	New candidate drugs for repurposing as efflux inhibitors and antibiofilm agents against antimicrobial-resistant <i>Staphylococcus aureus</i> and <i>Staphylococcus epidermidis</i>	S.-S. Costa
09:42	Physiologically-based pharmacokinetic modelling of cefazolin within the cerebrospinal fluid	S. Dubinsky
09:54	PKpopLCR study: pharmacokinetic and pharmacodynamic of vancomycin in neurointensive care patients with external ventricular drainage	C. Dahyot-Fizelier
10:06	Big data Bayesian truths: no vancomycin trough concentration target is sufficiently precise for safety or efficacy	M. Scheetz
10:18	Evaluation of a multimodel-approach to enhance precision dosing of piperacillin in critically ill patients	L.-M. Schatz

08:30 - 10:30		Hall I
Preventing HIV: what more do we need		Chair J.-M. Molina Invited chair
The HIV-1 pandemic affects all regions of the world. Antiretroviral treatment has transformed AIDS from lethal disease to a chronic, manageable disease in some settings. Nevertheless, it still has a huge impact on the burden of healthcare and finances. Therefore, prevention of HIV, especially in more vulnerable populations like women and newborns, is key for all settings and countries. In this symposium, topics that are important for prevention of HIV such as stigma for testing, benefits and risk of breastfeeding, and new treatment modalities for PREP will be presented and discussed.		
	HIV in indigenous populations	M.-E. Gutierrez Pimentel
08:30	Risk and benefits of breastfeeding in HIV-infected women receiving antiretroviral therapy	A. Colbers
09:00	Novel and enhanced HIV-1 prevention strategies using broadly neutralising antibodies	P. Schommers
09:30	Use of long-acting cART injectables for prevention of HIV infection	

08:30 - 10:30		Hall J
Empowering young microbiologists: bioinformatic tools for routine workflows		Chairs C. Bertelli C. Neidhöfer
In the era of genomics and big data, the field of bioinformatics has become indispensable for microbiologists in analysing and interpreting experimental and diagnostic findings. Nonetheless, the multitude of available software programs and analysis pipelines often intimidates inexperienced microbiologists. The objective of this session is to familiarise young microbiologists with bioinformatics tools that can be seamlessly integrated into their regular workflows. By means of practical examples and guidance, participants will acquire knowledge on various aspects such as genome assembly, annotation and comparison, metagenomics analysis, detection and prediction of antimicrobial resistance genes, and phylogenetic analysis. Furthermore, the session will emphasise the significance of establishing connections with bioinformaticians to foster fruitful collaborations.		
08:30	Why bioinformatics is the future of clinical microbiology: impact of data-driven approaches	T. Seemann
09:00	Easy bioinformatics projects as a starting point for bigger discoveries	O. Schwengers
09:30	Translating bioinformatics into clinical utility	A. Schürch
10:00	Building capacity: investing in a bioinformatician or bioinformatic software?	H. Seth-Smith

09:30 - 10:30		Arena 2
Evolutionary dynamics of antimicrobial resistance: from phylogenetic drivers to plasmid-mediated resistance		Chair M. Dolejska Reserve chair
09:30	Deciphering phylogenetic and acquired drivers of ecological adaptation in the <i>Klebsiella pneumoniae</i> complex	J.-F. Delgado-Blas
09:36	On the clustering and co-transfer of multidrug resistance genes	J.-P. Rasigade
09:42	Seven years evolutionary dynamics of an epidemic plasmid harboring the <i>bla</i> _{NDM-1} gene: acquisition of a <i>mer</i> operon and host switch ?	V. Berti
09:48	Plasmid rearrangements influence vertical and horizontal transfer tradeoffs in IncC plasmids	M. Allain
09:54	Major role of plasmids in intercompartmental dissemination and potential environmental reservoir of carbapenemase genes, Reunion Island (Indian Ocean)	G. Miltgen
10:00	Genomic diversity of carbapenem-resistant <i>Acinetobacter baumannii</i> reveals distinct virulence evolution	M. Lurie-Weinberger
10:06	Multi-scale ecological modeling of plasmid-borne multi drug resistance in hospital-like heterogeneous environments	N. Lenuzza
10:12	Genomic landscape of <i>Enterococcus faecalis</i> in Portugal: population dynamics, plasmid distribution and source correlations	A. Almeida Santos
10:18	Novel screen for barriers to antimicrobial resistance gene exchange reveals <i>Staphylococcus aureus</i> Transfer Island (SauTI)	J. Wildfire
09:30 - 10:30		Arena 4
Gut check: exploring the world of intestinal parasites		Chair A. Fuchs Reserve chair
09:30	A call to consider schistosomiasis in hepatitis B patients from endemic regions	M.-G. Robert
09:36	Predictive algorithms to improve the detection of helminthiasis in migrants and travellers: a cohort study	M. Van Waasdijk
09:42	Evaluation of microscopic techniques, conventional PCR and real-time PCR for detection of <i>Ascaris lumbricoides</i> and its genetic characterisation	M. Thakur
09:48	<i>Strongyloides stercoralis</i> : exploring this silent threat in a Northern-Italy Hospital	B. Rossi
09:54	<i>Strongyloides stercoralis</i> infection in Croatian patients with eosinophilia: seroprevalence and microscopy detection rates	T. Mestrovic
10:00	Retrospective investigation of historic <i>Cryptosporidium parvum</i> outbreaks in Sweden using Multilocus Variable Number Tandem Repeats analysis (MLVA) compared to <i>gp60</i> subtyping	C. Espinosa-Gongora
10:06	Increase of cryptosporidiosis infections in Luxembourg, August to October 2023	C. Ernst
10:12	<i>Strongyloides stercoralis</i> infection in the United Kingdom: a systematic review and meta-analysis of published cases	A. Alam
10:18	Modelling the association between <i>Dientamoeba fragilis</i> acquisition and international travel	J.-P. Pietilä
09:30 - 10:30		Meeting Room 8.30
ESCMID/EUCIC guideline meeting		Meeting participant A.-W. Friedrich N.-T. Mutters N. Petrosillo J. Rodríguez-Baño E. Tacconelli
09:30 - 10:30		Moche Room
ECCMID Sponsor Debrief Meeting		Meeting participant S. Brüderli G. De Angelis P. Kardas J. Moran-Gilad C. Seiler R. Skov

11:00 - 12:00		Arena 1
Advancements in vaccines and immune responses: tailoring protection for specific populations		Chair B. Teh Reserve chair
11:00	Cytomegalovirus-specific cell-mediated immunity (CMV-CMI) for prediction of post-prophylaxis CMV disease in a phase 3 trial of letermovir vs valganciclovir in donor CMV-seropositive recipient CMV-seronegative (D+R-) kidney transplant recipients (KTRs)	A. Limaye
11:06	SARS-CoV-2-specific immunological memory predicts successful booster immunisation and severe COVID-19 in solid organ transplant patients	L. Donadeu
11:12	Immune responses to vaccines against tetanus, diphtheriae, hepatitis B and H. influenza infection after allogeneic haematopoietic stem cell transplantation in adults: a multicentre study	O. Epaulard
11:18	Durable immune response induced by self-amplifying mRNA (samRNA) SARS-CoV-2 vaccine candidates in HIV negative and people living with HIV (PLWH) populations in South Africa	K. Jooss
11:24	The platform trial in COVID-19 priming and boosting (PICOBOO): the immunogenicity, reactogenicity, and safety of three approved COVID-19 booster vaccines in immunocompetent adults	C. Mcleod
11:30	Persistence of humoral and cellular immunity one year after mpox	V. Mazzotta
11:36	Distribution of pneumococcal vaccines serotypes contained in vaccine in community-acquired pneumonia requiring hospitalisation in adults in France	L.-B. Luong Nguyen
11:42	Production of a live attenuated centrin gene knock out Leishmania vaccine strain by using CRISPR/Cas9 technology	F. Darzi
11:48	Heterologous DNA-protein immunisation with a fimbrial subunit of Klebsiella pneumoniae elicits significant antibody response and protects against infection	M. Vicente-Pazos
11:00 - 12:00		Arena 3
What's in my antimicrobial stewardship toolbox?		Chair E. Calbo Reserve chair
11:00	A systematic review of national interventions and policies to optimise antibiotic use in healthcare settings in England	R. Knowles
11:06	Impact of the ID ROLL-OUT intervention study on antimicrobial stewardship in non-university hospitals in Germany over time	R. Giesen
11:12	Impact of a multifaceted intervention on antibiotic prescribing and dispensing in four patient-centered settings in five European countries	C. Llor
11:18	The emerging resistance index: identifying evidence-based quantitative parameters to monitor resistance to newly-approved antibiotics	J. Garlasco
11:24	Beyond the antibiogram: de-escalation as a quality indicator of appropriate antibiotic therapy in patients with bacteremia	L.-A. Nikolai
11:30	Multiplex real-time PCR plus conventional microbiological testing versus conventional microbiological testing alone to reduce antibiotic use in community-acquired pneumonia (RADICAP): a randomised, controlled, open-label trial	G. Abelenda Alonso
11:36	Does antibiotic formulation provide reasonable estimates of antibiotic use across different sectors?	C. Lim
11:42	The combined use of administrative databases is an important tool in the monitoring of antibiotic stewardship programme indicators	P. Martin-Rico
11:48	Changes in C-reactive protein dynamics can serve as an early biomarker of antibiotic therapy appropriateness	D. Bernstein
11:00 - 12:00		Hall A
Viral infections in stem cell transplantation: a lifetime journey		Chairs M. Akova M. Slavin
Immunocompromised hosts (ICH) are at increased risk for viral infections, which cause significant morbidity and mortality in these patients. From CMV pneumonitis, being the major cause of mortality in the first 100 days post HCT prior to CMV antivirals, to the COVID-19 pandemic, over the last 40 years our understanding of pathophysiology, diagnostic methods and therapeutic armamentarium for viral infections in ICH has greatly improved. Unmet needs remain in the prevention, treatment and management of long-term sequelae of viral infections. This keynote will review the impact of viral infections in the ICH, the evolution of treatment and diagnostic innovation and how to address present and future challenges.		
11:00		P. Ljungman

11:00 - 12:00		Hall D
Improving implementation in infection prevention and control Preventing healthcare-associated infections is a critical goal, but often, prevention programs fall short of expectations or raise more questions than answers. So, why does this happen so frequently, and how can implementation science help us learn from our mistakes? Furthermore, are there tools that are simple enough to be understood by non-professionals yet detailed enough to be applied in complex healthcare settings? While it is now widely recognised that we must focus not only on "what to do" but also on "how to do it," health workers still face significant challenges in establishing prevention programs in their demanding work environments. This session will examine project implementation from both theoretical and practical perspectives to explore ways of improving outcomes.		
11:00		L. Clack
11:30		G. Birgand
11:00 - 12:00		Hall E
Antimicrobial resistance among displaced populations Human mobility has been shown to contribute to the global spread of antimicrobial resistance (AMR). In this regard, there has been a heightened awareness of inequities with respect to the prevalence of infection or colonisation with drug-resistant organisms in refugees and asylum seekers due to forced displacement. The extent of antimicrobial consumption and threat of AMR has been largely neglected on the global health agenda and requires greater attention. Notably, the recent conflicts in Middle East, Africa and Ukraine highlight the need for improved access to healthcare, detection of and appropriate high-quality treatment for antibiotic-resistant infections. Alongside further research, incorporating new policies and guidelines to improve the detection, prevention, and control of AMR in refugees and asylum seekers should be investigated.		Chair A.-J. Brink
11:00	Challenges of antimicrobial stewardship in countries with expanding displaced populations in the Middle East	S.-S. Kanj
11:30	Ukraine war and antimicrobial resistance challenges	S. Antoniak
11:00 - 12:00		Hall F
Top papers in antimicrobial pharmacology This session will focus on the most important achievements and insights in the domain of 1) antimicrobial pharmacometrics and 2) clinical evaluation and implementation of antimicrobial pharmacology. The two speakers will discuss the top papers published in the last 12 months.		Chairs C. König B. Pfausler
11:00	The pharmacometrician's selection	E. Dreesen
11:30	The pharmacologist's selection	B. De Winter
11:00 - 12:00		Hall G
Anaerobic bloodstream infections: diagnostic and treatment strategies Anaerobic bloodstream infections continue to have a high mortality rate and even may be higher due to rising antimicrobial resistance in the future. Therefore, awareness in both clinicians and laboratories, rapid diagnosis and appropriate treatment are necessary in the management of these infections. This session aims to discuss the involvement and management of anaerobes in bloodstream infections, from diagnostic methods including resistance detection to preanalytical considerations, clinical relevance and treatment strategies, with a focus on current developments and controversies alike.		Chairs T. Morris E.-Z. Urbán
11:00	Diagnostic methods and resistance detection in anaerobic BSI	U.-S. Justesen
11:30	Clinical relevance and treatment strategies of anaerobic BSI	R.-M. Antonello
11:00 - 12:00		Hall H
Conquering catheter conundrums: preventing intravascular infections		Chair W. Zingg Reserve chair
11:00	Management of positive catheter tip cultures without concurrent bloodstream infections in	N. Buetti

	critically ill patients, prognosis and risk of subsequent infection: a case-cohort study from the OUTCOME REA network	
11:12	Outcomes associated with central-line-associated bloodstream infections and catheter-related bloodstream infections: a meta-analysis	Y. Cai
11:24	Performance evaluation of an automated surveillance algorithm for central line-associated bloodstream infection (CLABSI)	N. Fourré
11:36	Five year sustainability of a de-implementation strategy to reduce inappropriate use of catheters: a mixed-methods study	T. Van Horrik
11:48	Characteristics and outcomes of ECMO cannula-related infections: a European multicentre retrospective study	C.-E. Luyt

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11:00 - 12:00		Hall I
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	Genomic surveillance to track emerging antibiotic resistance	Chairs J.-W.-A. Rossen J. Schrenzel Reserve chair
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11:00	Global emergence of Gram-negative bacteria carrying the mobilised RND-type efflux pump gene cluster tmexCD-toprJ variants	Y. Wu
11:12	The silent pandemic and evolution of multi-drug resistant global clone 2 of <i>Acinetobacter baumannii</i> using whole genome analyses	B. Lopes
11:24	Emergence of a <i>Klebsiella pneumoniae</i> clone resistant to carbapenems through the hyperproduction of intrinsic penicillinase SHV-1	L. Dortet
11:36	Genomic epidemiology of IMP carbapenemases: an emerging global problem with diversity of IMP variants, bacterial host strains and plasmid types	N. Macesic
11:48	Genomic surveillance reveals the monoclonal spread of the <i>Klebsiella pneumoniae</i> ST231, OXA-232-producing clone with hypervirulent markers in the Indian subcontinent	V. Shamanna

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11:00 - 12:00		Hall J
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	Pressing issues in CM/ID educational and professional affairs	Chairs E. Bonura M. Horgan Reserve chair
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11:00	Demographic diversity of participants in infectious disease vaccine clinical trials	J. Hill
11:12	Gender differences in question-asking at infectious disease and microbiology conferences	S. Delliere
11:24	Supporting synergies across European cohorts for optimal evidence generation: the case of the Cohort Coordination Board	E. Tacconelli
11:36	Global clinical phage rounds, an international collaborative educational forum addressing patients needing bacteriophage therapy	H. Sinclair
11:48	The UKHSA Imported Fever Service (IFS) teleconference: a novel international educational meeting	C. Warrell

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11:00 - 12:00		Hall K
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	Twisted tales of curved and spiral bacteria	Chair P. Lehours Reserve chair
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11:00	Near-fatal cholera after a tourist trip to east Africa	C. Patterson
11:00	<i>Vibrio alginolyticus</i> sepsis: a severe condition to be considered in patients with central venous catheter	I. Mileto
11:00	A fishy tale: a case of <i>Vibrio alginolyticus</i> infection and pseudoaneurysm after stingray injury	C. Melissa
11:00	An unusual case of hepatosplenic abscess caused by <i>Campylobacter rectus</i> after laparoscopic sleeve gastrectomy: a case report	C. Tratompisuttikul
11:00	A retrospective case series analysis of <i>Helicobacter fennelliae</i> bacteraemia in two Japanese hospitals	T. Sakoh

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11:00 - 12:00		Hall L
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	Long COVID: from mechanism of injury to treatment	Chair J. Rodríguez-Baño
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Long COVID shares similarities with other re-known post-acute infectious syndromes (PAIS), whose pathophysiology remains largely unknown. The ongoing research in the field of Long COVID in the last two years represents the opportunity to unravel the underlying mechanism behind these chronic and invalidating illnesses. The ultimate goal is to develop treatments addressing specific aspects of Long COVID and PAIS and understand how to best generate evidence of treatment efficacy. The aim of the session is to offer an update on the recent development of treatments of Long COVID and to offer a deep dive on the methodological hurdles to find solutions for such a heterogeneous and complex condition.

Invited chair

11:00 Mechanisms of post-COVID syndrome and therapeutic strategies

C. Scheibenbogen

11:30 Update on recent developments in treatment of Long COVID

11:00 - 12:00

Hall M

Single vs. separate venipunctures to draw the same blood volume for diagnosing bacteraemia: pros and cons

Chairs

E.-A. Idelevich

H. Seifert

This symposium focuses on a relevant and controversial topic. Traditionally, it has been recommended to draw blood samples for culture from separate venipunctures. More recently, taking all blood culture bottles from one single venipuncture received some dissemination. While this latter strategy is on the rise in some countries, it is debated elsewhere. Here, pros and cons of each approach will be presented, including rationale and practicability aspects. The audience will benefit from critical discussion of different viewpoints.

11:00 Single venipuncture

B. Lamy

11:30 Separate venipunctures

M.-L. Wilson

11:00 - 12:00

Hall P

The ying and the yang: pathogen virulence and antivirulence strategies

Chairs

C.-S. Lentz

N. Van Sorge

Reserve chair

11:00 The macrophage responses against hypervirulent and classic *Klebsiella pneumoniae*

Z.-E. Kuloğlu

11:12 HtrA, a bacterial protease from *Parabacteroides distasonis*, protects mice from *Clostridioides difficile* infection without disrupting the gut microbiome

K. Douchant

11:24 Experimental *ex vivo* analysis of microbial population dynamics reveals that antifungal agents negatively drive bacterial microbiome dynamics with and without *Candida albicans*

C. Williams

11:36 Temperatures above 37°C increase the virulence of a *Klebsiella pneumoniae* sequence type 307 strain

J. Müller

11:48 Role of the arginine biosynthesis genes in the pathogenicity of Adherent-invasive *Escherichia coli*

Q. Bonet-Rossinyol

11:00 - 13:00

Moche Room

ECCMID Programme Committee meeting 3

Meeting host

J. Moran-Gilad

Meeting participant

E. Cambau

F. Can

A. Chowdhary

E. Cordero Matia

S.-J. Dancer

G. De Angelis

M. Farfan

F. Fitzpatrick

J.-S. Friedland

M. Giannella

H. Harvala

B.-P. Howden

J. Hrabak

L.-Y. Hsu

A. Kantele

P. Kardas

A. Katsounas

Y. Keynan

N. Khanna
 K. Kline
 J. Kowalska
 F. Krammer
 T.-G. Krause
 M. Krzyzaniak
 J.-M. Langley
 C.-S. Lentz
 G.-D. Lopardo
 C.-R. Mackenzie
 P. Malani
 S. Marchand
 B. Megarbane
 J. Mossong
 A. Norrby-Teglund
 J. Nosanchuk
 C. Obiero
 K. Ohene Buabeng
 R. Oladele
 G. Özkaya Sahin
 J.-R. Pano-Pardo
 A. Papa-Konidari
 E. Presterl
 M. Ramirez
 P. Retamar Gentil
 P. Rupali
 S. Ruta
 M. Sanguinetti
 S. Schwartz
 C. Seas
 C. Seiler
 B. Sinha
 V. Sintchenko
 R. Skov
 C. Speziale
 E. Tartari
 J. Toubiana
 A. Verbon
 H. Wertheim
 K. Zhou
 S. Zidovec Lepej
 A. Zinkernagel

12:00 - 13:30

Poster Area

8a. Intravascular catheter-related infections (incl epidemiology, prevention)

Antibiotic lock therapy versus catheter removal: evaluating the optimal approach for management of central vascular catheter infection

N. Ranganath

The impact of early infectious disease consultation for central line associated bloodstream infection: a retrospective cohort study

J.-H. Kim

Touch the zero in central line-associated bloodstream infection in the medical intensive care unit at Rambam medical campus, Israel

J. Tarabeia

Tackling rising numbers of hospital acquired *Staphylococcus aureus* blood stream infections (HASABSI): failures in peripheral venous access device (PVAD) care in Tallaght University Hospital (TUH)

Z. Ramsamaroo

Hospital outcomes of hemodialysis patients with central line associated bloodstream infection admitted in a tertiary government hospital

E. Fuentes

The risk of bloodstream infections in patients with central venous access port in non-ICUs in Germany

B. Weikert

Central venous catheter fungal infection: incidence and predictive factors

A. Zaghdoudi

Utility of tip cultures in the diagnosis of catheter-related bloodstream infections

V. Nair

Impact of the COVID-19 pandemic on incidence and epidemiology of catheter-related bloodstream infection two years later

M.-J. Perez-Granda

Impact of sterile gloving during proximal manipulation of a central venous catheter: the multicentre study CleanHandPROX	A.-S. Valentin
Central line-associated bloodstream infection incidence in Belgium's general hospitals: comparison between before and after the start of the COVID-19 pandemic (2013-2019 vs 2020-2022)	N. Shodu
The potential role of Presepsin(sCD14) in device-associated ventriculitis/meningitis	V.-K. Haradara Bahubali
The impact of a newly established intravenous care team on peripheral venous catheter bloodstream infections in an acute hospital in Ireland	M. Carroll

12:00 - 13:30	Poster Area
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8b. Other foreign-body and implant-associated infections (incl PJI)	
Worrying rates of MDR organisms causing PJI; A retrospective study from India	S. Chowdhury
Fungal periprosthetic joint infection: uncommon but complex condition	H. Erandes
Dalbavancin as suppressive treatment in a tertiary hospital	L.-Y. María Belen
Highly tunable release of antimicrobial peptide SAAP-148 to prevent implant-associated-infections using drop-on-demand printing technology	C. Guarch Pérez
Quantification of sonicated implants from patients with osteoarticular implant infections	L. Salar Vidal
Bioinspired antibacterial nanostructured surfaces based on oriented calcium phosphate nanocrystals arrays against carbapenems-resistant <i>P.aeruginosa</i> and methicillin-resistant <i>S.aureus</i>	D. Squitieri
Sonication fluid culture shows little benefit compared with optimised periprosthetic tissue sample culture for diagnosis of periprosthetic hip infections	N. Koenemann
Real-world experience of cefiderocol in bone and joint infections from the PROVE (retrospective cefiderocol chart review) study	A. Santerre Henriksen
Suppressive antimicrobial therapy for prosthetic joint infection	C. Aboltins
Using the WHO multimodal strategy in an improvement project to minimize surgical site infections in total knee and hip prosthesis	E. Van Geertsom
Suppressive antibiotic treatment for orthopaedic implant infections: how to dose and when to stop?	J.-L.-J. Hanssen
Activity of standard surgical antimicrobial prophylaxis regimens against pathogens causing postoperative prosthetic joint infections: a multinational study	N. Benito
What's the fate of prosthetic joint infection-associated <i>Cutibacterium acnes</i> after the interaction with neutrophils?	F. Reffuveille
Clinical experience with intravenous (IV) fosfomycin for treatment of complex bone and implant-associated infections: prospective cohort	S. Karbysheva
High rates of polymicrobial and multidrug-resistant bacterial infections of modular megaprotheses: a retrospective cohort study	G. Micheli
A retrospective study of sonicate fluid cultures for the diagnosis of orthopedic implant infections	S. Kamariotis
Proof-of-concept for intraoperative electric field application as prophylaxis against prosthetic joint infections: <i>in vivo</i> validation	F. Carmona-Torre
<i>Cutibacterium</i> species in orthopaedic patients: pathogenic or contaminating role? A five-year retrospective study in a tertiary-care hospital	A. Bedini
Panton-valentine leucocidin-producing <i>Staphylococcus aureus</i> strains are associated with treatment failure of implant-associated infections	M. Maritati

12:00 - 13:30	Poster Area
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8c. Surgical site infections	
Surgical antibiotic prophylaxis: acompliance improving practices	T. Yanık Yalçın
Semiautomated surveillance of deep surgical site infections: algorithms for colon surgery, vascular surgery and orthopaedics	J. Romme
Administration of cephalosporine surgical antimicrobial prophylaxis in low-risk cholecystectomy and its association with surgical site infections	R. Sommerstein
Automated trend monitoring of surgical site infection incidence	M. Tinga
Post operative spinal infection; a review of epidemiology, microbiology, management and outcomes over a 15 month period at a tertiary UK hospital	P. Davis
Optimising prophylactic antibiotic use among surgery patients in Ethiopian hospitals	N. Konduri
Adherence to antimicrobial prophylaxis guidelines for elective surgeries in a tertiary hospital: ADEQUAP study	M. Piscaglia
Complications of cesarean sections in Brazil: a population-based study	J. Marschall

	Surgical site infection surveillance in knee and hip arthroplasty: an algorithm to detect high risk patients based on electronic health records	M. Guedes
	To what extent can colorectal surgical site infections be prevented? An individual-based modelling study	J. Marschall
	Antimicrobial resistance in post transrectal ultrasound-guided biopsy infections – the case for transperineal biopsies	J. Donnelly
	Performance of an algorithm for semi-automated surveillance of surgical site infections after cardiac valve replacement: preliminary results	M. Puig-Asensio
	Impact of VRE active perioperative prophylaxis in liver transplant patients colonised by Vancomycin-resistant <i>Enterococci</i>	G.-J. Burastero
	Surgical antibiotic prophylaxis adherence in cardiothoracic and vascular surgeries: a four-year report from the developing world	N. H
	Optimising antibiotic selection in Fournier's gangrene: a rationalised approach in the South East of Scotland	T. Feng
	Surveillance of surgical site infections: a prospective study in a tertiary care hospital in Bangladesh	S. Rahman
	Origin of pathogens: surgery-dependent <i>S. epidermidis</i> strains in endophthalmitis	L.-A. Escobar-Herrera
	A prospective study on implementing the ideal time to administer pre - operative antibiotics for cesarean delivery in a south indian secondary care hospital	S.-M. Sivakumar
	Postsurgical mediastinitis after major heart surgery: a retrospective study of the last 11 years at a tertiary care institution	M.-J. Perez-Granda
	A multi-faceted, surgically led quality improvement initiative produces positive change in surgical antibiotic prophylaxis practices	K. Giblin

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12:00 - 13:30	Poster Area
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8d. Healthcare-associated pneumonia (incl VAP)	
Single-drug versus combination antimicrobial therapy in critically ill patients with hospital-acquired pneumonia and ventilator-associated pneumonia due to Gram-negative pathogens: a multicentre cohort study	F. Barbier
Protocol for the Hospital Acquired Pneumonia PrEveNtion (The HAPPEN study): a multi-centre randomised control trial exploring the effectiveness of improving the frequency and quality of oral care, in reducing the incidence of pneumonia	B. Mitchell
Combined therapy with phages and ceftolozane/tazobactam against <i>P. aeruginosa</i> endotracheal tube biofilms	L. Fernández-Barat
Frequency of occurrence and antimicrobial susceptibility of bacteria isolated from patients hospitalised with bacterial pneumonia in western and eastern Europe (SENTRY Program; 2021-2022)	H. Sader
Prognosis and etiology of hospital-acquired pneumonia and ventilator-associated pneumonia in patients with active lung or lower neck cancer: the PEPP-C study	S. Wingen-Heimann
Hospital acquired <i>Burkholderia cepacia</i> complex carrying blaNDM-1 and blaNDM-5 in ventilator-associated pneumonia patients and contaminated ventilator tubing	M. Saeed
Risk factors on multiple drug-resistant organisms infection in patients with nosocomial pneumonia and their prognosis assessment: a nationwide multi-centre, large population, retrospective nested case-control study	Z. Wu
Piperacillin is an effective de-escalation treatment for ventilator associated pneumonia caused by <i>Pseudomonas aeruginosa</i>	S. Smaoui
The Ecraid perpetual observational study on ventilator-associated pneumonia: a solid operational backbone ready for embedding clinical studies	H. Jackson
Ventilator-associated lower respiratory tract infections in intensive care unit patients at a tertiary care centre after implementation of a multifaceted intervention: a before-after study	N. Bloch
Identifying patients at risk for <i>S. aureus</i> ICU pneumonia: the added predictive value of immunological biomarkers	C. Recanatini
Real-world experience of cefiderocol in France from the PROVE (retrospective cefiderocol chart Review) study	A. Santerre Henriksen
Clinical epidemiology of ventilator-associated pneumonia caused by <i>Acinetobacter baumannii</i> in Vietnam	H. Nomoto
Survival impact of initial adequate antimicrobial therapy in critically ill patients with nosocomial pneumonia due to Gram-negative pathogens: a multicenter cohort study	F. Barbier
Comparing inhaled colistin with inhaled fosfomycin/tobramycin as an adjunctive treatment for ventilator-associated pneumonia: An open-label randomized controlled trial	A. Hakamifard
Role of microbiological confirmation in ventilator-associated pneumonia diagnosis: data from PULMIVAP, an Italian prospective multicentre study	A. Tonizzo
The clinical characteristics and bacterial genomics of HAP caused by <i>Acinetobacter baumannii</i>	Z. Wu
Incidence and lethality of hospitalised pneumonia among people over 50 years in Catalonia in the pre-COVID-19 era: a population-based study	C. De Diego-Cabanes
Hospital acquired pneumonia has a significant attributable mortality and triples hospital length of stay	D. Wootton

	Wide variations in the incidence risk of hospital acquired pneumonia in England	D. Wootton
	A multistate model for clinical outcomes in nosocomial pneumonia patients	D. Vera-Yunca
	Post-antibiotic risk for recurrent lower respiratory tract infection during prolonged hospitalisation	B. Kelly
	Persistent higher antimicrobial resistance in mechanically ventilated ICU patients: a before-and-after analysis of the COVID-19 surge	F. Bozza
	Adjunctive nebulised colistin along with intravenous polymyxin B versus intravenous polymyxin B alone for the treatment of nosocomial pneumonia caused by multi-drug resistant gram-negative (MDR) bacteria: A retrospective study	V. Vaidya
12:00 - 13:30		Poster Area
8e. Hospital epidemiology, transmission, surveillance & screening (incl. hospital environment)		
	Rapid detection of carbapenem non-susceptible bacteria isolated from patients for public policy strategies to control hospital-acquired infections	M. Novella
	How long do nosocomial pathogens persist on inanimate surfaces: a scoping review	P. Russo
	Nosocomial and household transmission of carbapenemase-producing organisms (CPO) through direct patient contact: interim analysis of a multicentre prospective cohort study	S. Sutjipto
	Loaned endoscopes: how safe are they?	T. Chin
	Whole genome sequencing reveals a cluster of <i>Enterobacter cloacae</i> ST198, bla _{VIM-1} positive in pediatric haematologic ward	S.-M.-I. Malandrin
	Pathogenic microbial contamination of handwashing sinks changes over time following installation	I. Nakamura
	A comparison of an algorithm and coding data to traditional surveillance to identify surgical site infections: an Australian retrospective multicentred cohort study	P. Russo
	Factors impacting hospital-associated microbial communities composition and stability	I. Linares Ambohades
	Predictors of vancomycin-resistant <i>Enterococcus</i> acquisition among acute care roommate exposures	V. Williams
	Impact of the COVID-19 pandemic on antibiotic resistance spread among hospitalised patients in France	M. Layan
	Epidemiology of multi-resistant <i>S. haemolyticus</i> in French neonatal intense care units: spread of two multidrug-resistant lineages	C. Kolenda
	Community-onset impetigo: emergence of a multi-resistant clone in France	A. Tristan
	Carbapenem-resistant non- <i>aeruginosa</i> <i>Pseudomonas</i> species in the wet hospital environment	A. Van Veen
	Simplified hospital acquired infection prevalence method with high sensitivity	A.-M. Kaiser
	Rapid MRSA/MSSA surveillance: insights from a six-years dual molecular-cultural approach	V. Cento
	Screening of haematology patients on admission for <i>P. aeruginosa</i> (PA) showed acquisition from the hospital environment, particularly drains, is more likely than from endogenous flora	Ö. Yetiş
	Molecular epidemiology of carbapenem-resistant <i>Acinetobacter baumannii</i> isolated in intensive care unit	T. Xiao
	Investigating linezolid resistant <i>Staphylococcus epidermidis</i> (LRSE) at a tertiary hospital	K.-S. Gudmundsson
	Comparison of sink sites carbapenemase-producing organisms (CPOs) colonisation in a tertiary hospital in Singapore	X. Huan
	Genomic characterisation of ST23 K1 Serotype ESBL <i>Klebsiella pneumoniae</i> ST23 strains in University Hospital Brno, Czech Republic	M. Bezdřček
	Impact of medical waste bin on contamination of patient's environment	M. Lee
	Transmission patterns of ESBL-producing Enterobacterales in a non-critical care setting	M. Nguyen Ngoc
	Decreasing <i>Staphylococcus aureus</i> colonisation rates in a Greek neonatal intensive care unit during the COVID-19 pandemic	S. Pournaras
	Trends in healthcare associated infections and medical device use in hospitals, based on point prevalence studies in the Netherlands from 2014-2023	S.-J. Valk
	Epidemiology of intestinal colonisation with carbapenem-resistant organisms (MDROs) in a Greek Intensive care Unit	G. Baziotis
	Investigation of a cluster of carbapenemase-producing <i>Klebsiella pneumoniae</i> identifies a persistent two-year cluster with multiple routes of transmission among patients attending hospital ward X in England	K. Wilson
	Implementation of semi-automated surveillance of surgical site infections after hip or knee replacement: a pilot study	M. Brekelmans
	Conception of a score to predict the result of extensively drug-resistant bacteria screening in known carriers	F. Stordeur
	Comparison of clinical outcomes of patients with serial negative surveillance cultures according to a subsequent PCR test for carbapenemase-producing Enterobacterales	H. Seo

	An active follow-up strategy for carbapenemase-producing Enterobacterales carriers: do carbapenemase genes and patient characteristics matter?	J.-L. Van Rheenen
	Genetic insights into carbapenem-resistant and carbapenemase-producing Enterobacterales	S.-V. Prasad
	Risk factors in endoscopes reprocessing: microbiological surveillance to support the device engineering	L. Girolamini
	One year of genomic surveillance of healthcare-associated bloodstream infections at a university hospital	T. Vognbjerg Sydenham
	Implementation of a system for early detection of bacterial clusters in a tertiary care university hospital using laboratory routine data	M. Colomb-Cotinat
	Deciphering the temporal short-term dynamics of <i>Acinetobacter baumannii</i> : impact of colonisation pressure on infection in an endemic Indian intensive care unit	M. Tantry
	NDM dissemination within ICU patients associated with an epidemic clone and putative horizontal transfer to other Enterobacterales	C. Pitart Ferre
	Implementation of cohorting to reduce transmission of carbapenemase-producing <i>Klebsiella pneumoniae</i> in a Greek ICU	E. Kousouli
	Transmission of multidrug-resistant organisms during physical and occupational therapy appointments at three VA CLCs	K. Panson (Gibson)
	Follow-up of digestive <i>Klebsiella pneumoniae</i> species complex in ICUs patients	B. Langlois
	Multidrug-resistant organism transmission during out-of-room visits in post-acute care: a multicentre study	L. Mody
	No evidence for transmission of carbapenem-resistant pathogens from war injured Ukrainian patients (2014-2019) to other inpatients: a retrospective molecular study from a Military hospital	F. Fuchs
	A machine learning approach to predict healthcare-associated infections in an intensive care unit patients in Tunisia	A. Mhiri
	Routine genomic surveillance of third generation cephalosporins resistant <i>Enterobacterales</i> in a Neonatology Unit	F. Gravey
	Investigation of the environmental presence of <i>Pseudomonas aeruginosa</i> to facilitate sequence analysis and determine a possible cause of bloodstream infection	K. Dever
	Prevalence of <i>Stenotrophomonas maltophilia</i> colonization among patients receiving mechanical ventilation in long-term care facilities in the state of Maryland, United States	G. Alexis
	The use of whole genome and metagenomic sequencing for environmental surveillance of blaOXA48 antimicrobial resistance transmission in a hospital setting	L. Elton
	Study of hospital-acquired infections, a multidrug-resistant organism in tertiary hospital, Malaysia	N.-Z. Md Zain
	Unit-level antibiotic resistant bacterial colonisation pressure in 14 neonatal units across Europe	A. Cook
	AMR surveillance in wastewater and clinical isolates from a tertiary hospital: preliminary results	C. Francés Cuesta
	Nanopore long-reads sequencing is suitable for epidemiological surveillance of <i>Klebsiella pneumoniae</i> using cgMLST	D.-S. Blanc
	Unveiling microbial dynamics in neonatal intensive care: applications from long-read sequencing	S. Ayala Montaño
	Exploring the environment's role in hospitals as a reservoir for carbapenemase-producing Enterobacteriaceae	L. Sleiman
	Recall of 5,000 patients related to no-conformity sterilization practices of dental instrumentation.	J. Dessemon
	Genomic surveillance and computational modeling of the transmission of multi-drug resistant isolates in hospital settings during the SARS-CoV-2 pandemic	J. Burgaya
	Assessment of using linked electronic surveillance data to replace mandatory reporting of healthcare-associated infections in England	A.-S. Walker
	<i>E.coli</i> bacteraemia surveillance: bridging the data and clinical gap to improve outcomes	H. Navalan
	Nosocomial transmission of NDM-producing <i>Klebsiella pneumoniae</i> ST147 in a Dutch paediatric cancer centre associated with patients from Ukraine	W. Smit
	Seek and you shall find: the practical infection control implications of culture-negative results when introducing molecular-based screening for Carbapenemase-producing Enterobacterales (CPE)	M. Skally
	Longitudinal carriage of antimicrobial resistant microorganisms in preterm neonates gastrointestinal tract	A. McCormick
	Prevalence of healthcare-associated infections and antimicrobial use in Spanish long-term care hospitals (2022-2023)	L.-M. Parra
	Molecular epidemiology of bacteria infecting war wounds at tertiary care hospitals in Ukraine	P. Mc Gann
	Unnecessary contact precaution for MRSA in a low-endemicity area	E. Neves
	Time-saving water monitoring -qPCR-based detection of up to 15 <i>Legionella</i> cells per mL within 4 hours	P.-M. Keller
	Environmental air and surface sampling for mpox virus in contaminated settings	G. Moore
	The data when tortured, speaks: the FUO's whispering	A. Scagliarini
	Hospital-acquired bloodstream infections caused by extended-spectrum β -lactamase-producing Enterobacterales: 20 years of surveillance in a French tertiary hospital	A. Villa
	Longitudinal genomic analysis of clinical and environmental <i>Pseudomonas aeruginosa</i> links sink drains to nosocomial transmission in intensive care units	K. Bartlett
	Can hospitals derive clinically useful surveillance data from their wastewater using currently available collection methods and next-generation sequencing data?	A. Kearney

The environmental microbiome of hospital areas with and without patient areas reveals the influence of human activity in the dynamics of multidrug-resistant organisms	N. Guerra Pinto
Antimicrobial resistance in clinically important anaerobes at a tertiary university hospital in Greece	E. Kalogeropoulou
Nine-year epidemiology of group A streptococci and whole-genome sequencing of invasive strains isolated in an Italian hospital	A. Kuka
Impact of whole genome sequencing to investigate transmission of <i>Serratia marcescens</i> in a neonatal intensive care unit	M. Ramus
CPE screening in a tertiary care hospital in Portugal: burden of colonisation and impact on subsequent infection	M. Torres
Vancomycin resistant enterococci (VRE) surveillance using hospital wastewater during an outbreak with VRE	D. Engelen
<i>Pseudomonas aeruginosa</i> as relevant cause of healthcare-associated infections in neonatal intensive care: a molecular epidemiology investigation	G. Ripabelli
Genomic Epidemiology insights reveals pivotal role of plasmids in blaNDM mediated antimicrobial resistance - Need for urgent global action	N. Geetha
Transmission dynamics of carbapenemase-producing microorganisms in a high endemicity critical care unit from a public hospital in Bogota, Colombia	G.-A. Muñeton Lopez
Long-read sequencing characterises multi-modal transmission of ESBL genes amongst <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> in a neonatal unit	M. Parker
Excess length of stay due to healthcare-associated infections in acute care hospitals in Spain	L.-M. Parra
Years of life lost attributable to healthcare-associated infections in Spain	L.-M. Parra
Recent emergence of the multidrug-resistant epidemic variant in <i>Acinetobacter baumannii</i> revealed by hierarchical genotype	S. Li

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12:00 - 13:30	Poster Area
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8f. Other healthcare associated infections (incl CDI, hospital outbreaks)	
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Secondary prophylaxis for <i>Clostridioides difficile</i> infection for patients on non- <i>Clostridioides difficile</i> antibiotics: a retrospective cohort study	R. Najjar-Debbiny
The first established microsatellite markers to distinguish <i>Candida orthopsilosis</i> isolates and detection of a nosocomial outbreak in China	Z. Luo
Selective, isosteric growth inhibitors of <i>Clostridioides difficile</i>	W. Fraser
Electric floor scrubbers, centralised kitchens and an outbreak of carbapenemase producing Enterobacterales	A. Benbow
Melioidosis outbreak traced to a single hospital ward in Singapore	H.-C. Chan
Quinolone-resistant <i>Acinetobacter baumannii</i> international clone II outbreak with shower trolleys as reservoir	H. Kawamura
Significant and sustained decline in catheter-associated urinary tract infections rate following implementation of a multifaceted interdisciplinary infection prevention programme	A. Nagpal
Phenotypic characterisation of <i>Clostridioides difficile</i> PCR ribotype 046, involved in an outbreak, presents high toxin production and multidrug-resistance	C. Magnusson
Clinical and pharmacoeconomic evaluation of fidaxomicin in risk patients with recurrent or refractory <i>Clostridioides difficile</i> infection	S. Hopff
Interrogation of <i>Clostridioides difficile</i> (CD) Ribotype 078 genomes from Irish pigs and human cases of CD Infection (CDI) to determine epidemiological relationships.	A. Doyle
Antimicrobial susceptibility pattern of <i>Clostridioides difficile</i> in a Spanish university hospital	L. Urbina
Identification of the first nosocomial outbreak of clade ? <i>Candida auris</i> in Korea: a nationwide surveillance study	Y.-J. Kwon
Core genome multi-locus sequence typing (cgMLST) reveals a long-term silent outbreak with the rare MRSA ST4110 in outpatient wound care	D. Vuichard-Gysin
Whole-genome sequencing revealed multiple undetected SARS-CoV-2 outbreaks in a university hospital in Norway	K. Gravningen
Multicentre outbreak of <i>bla</i> _{OXA-72} <i>Acinetobacter baumannii</i> : a comprehensive whole genome sequencing analysis	T. Kasperski
Effectiveness and safety of bezlotoxumab in combination with standard-of-care therapy in patients with <i>Clostridioides difficile</i> infection: a single-centre real-life experience	J. Poblet
First report of outbreaks of <i>Clostridioides difficile</i> caused by ribotype 955: a highly transmissible and pathogenic strain	E. Yiannakis
Risk factors and outcomes of bloodstream infections following <i>Clostridioides difficile</i> infection in the time of increased use of fidaxomicin	V. Mauro
Characteristics of dual carbapenemase-producing <i>Klebsiella pneumoniae</i> ST147 strains from an outbreak in Tenerife	C. Mateo León
The burden of <i>Clostridioides difficile</i> infection in the COVID-19 era in the second largest Slovak hospital	D. Javorská

	Increasing incidence of <i>Clostridium difficile</i> (CDI) infection in admitted patients in the post covid era: epidemiological data	D. Kouroupis
	PopPIPE accurately clusters vancomycin resistant <i>Enterococcus faecium</i> in nosocomial outbreaks	M. Mchugh
	Outcome of <i>Clostridium difficile</i> infection (CDI) in admitted patients; association with epidemiological and clinical parameters	D. Kouroupis
	Real-world data on epidemiology and tests of <i>Clostridioides difficile</i> infection in Korea: the need for nationwide diagnostic stewardship	J.-H. Park
	Plasmid content and composition in vancomycin-resistant Enterococci from suspected hospital outbreaks in Berlin, Germany	F. Maechler
	Outbreak of carbapenem-resistant <i>Enterobacteriaceae</i> in a kidney transplant unit, how to manage?	C. Moreau
	Successful control of an outbreak of vancomycin-resistant <i>Enterococcus faecium</i> in a low-prevalence setting	J. Càmara
	A linezolid resistant coagulase-negative Staphylococci outbreak in an intensive care unit in Gipuzkoa, northern Spain	I. Ansa Isasa
	Current perspectives on ventriculitis: clinical insights, microbial trends, and the impact of the COVID-19 pandemic	A. Díez-Vidal
	Efficacy of polyclonal intravenous immunoglobulin for refractory <i>Clostridioides difficile</i> infection: time for a re-think?	S.-A.-M. Crusz
	<i>Clostridioides difficile</i> infection at County Durham and Darlington NHS Foundation Trust (CDDFT) 2022/23: review of antimicrobial stewardship and treatment outcomes	M. Christie
	<i>Clostridioides difficile</i> infection epidemiology during COVID-19 pandemic in Greece	A. Nikopoulou
	Exploring the mode of transmission of community-acquired <i>C.difficile</i> from the concept of One Health	S. Yoshizawa
	Prospective surveillance of health-care associated infections in long-term care facilities in Graz, Austria from 2018 to 2022	I. Zollner-Schwetz
	Accumulation of antimicrobial resistance in Czech and Slovak <i>Clostridioides difficile</i> isolates	J. Zíková
	Long lasting outbreak of VIM-producing <i>Pseudomonas aeruginosa</i> in a surgical intensive care unit	S. Jolivet
	Cost-effectiveness analysis in the treatment of <i>Clostridioides difficile</i> infection in the Brazilian healthcare system and faecal transplant microbiote	L. Dantas
	Identification of the first large French <i>Candida auris</i> outbreak using qPCR	S. Jolivet
	Berberine alleviates the severity of recurrent <i>Clostridioides difficile</i> infection by enhancing intestinal epithelial barrier and modulating gut microbiota	H. Huang
	Healthcare-associated infections following kidney or kidney-pancreas transplantations	E. Marion
	Whole genome sequencing is superior to high molecular weight typing by MALDI-ToF in clarifying <i>Clostridioides difficile</i> transmission	S. Memelius
	A hospital outbreak with methicillin-resistant <i>Staphylococcus argenteus</i> in the Netherlands, June 2023	S. Slavenburg
	Is older age a risk factor for recurrent <i>Clostridioides difficile</i> infection (r-CDI) in the era of new <i>C. difficile</i> treatments?	C. Suárez Carantoña
	A real-world analysis of <i>Clostridioides difficile</i> infection epidemiology using the TriNetX global health research network	K. Strey
	Outbreak of a linezolid resistant clone of ST18 <i>Enterococcus faecium</i> bearing the G2576T 23S rDNA mutation and its control	A. Marek
	Study of antibacterial susceptibility and the hypervirulent strains of <i>Clostridioides difficile</i> in a Spanish hospital	C. Rescalvo Casas
	Outbreak caused by NDM-producing <i>Pseudomonas aeruginosa</i> in a Greek hospital: just visiting or here to stay?	C. Louka
	Prolonged regional outbreak of clinically virulent, highly resistant <i>Klebsiella pneumoniae</i> NDM-14 (ST-147) in Corsica, France, 2022-2023	A. Maka
	Empiric treatment of healthcare-associated central nervous system infections in Denmark: do we need carbapenems?	C. Kraef
	Prolonged VIM-producing <i>Pseudomonas aeruginosa</i> outbreak at a Belgian intensive care department, an outbreak investigation report 2019-2023	M. Moretti
	Use of bezlotoxumab for the prevention of <i>Clostridioides difficile</i> infections within the German health care system: an observational post-authorization study (BODEGA Study)	K. Giesbrecht
	From the shadows to the spotlight: emergence of vancomycin-resistant <i>Enterococcus faecium</i> ST1299-vanA in upper Austria	A. Cabal Rosel
	Basis of fidaxomicin resistance in <i>Clostridioides difficile</i> : a systematic review and meta-analysis	T. Le
	A study on the microbiological differences of <i>Clostridioides difficile</i> strains isolated from community onset <i>Clostridioides difficile</i> infection (CDI) patients and healthcare-associated CDI patients in South Korea	J. Kim
	<i>Clostridium difficile</i> contamination of Australian retail vegetables and households	D. Collins
	The use of whole genome sequence to uncover undetected healthcare outbreak and transmission of extensively drug-resistant <i>Pseudomonas aeruginosa</i> across four hospitals	E. Kamau

	Relationship between high-risk antibiotic consumption and incidence of nosocomial <i>Clostridioides difficile</i> infection in tertiary care hospitals in Costa Rica during COVID-19 pandemic	C. Fernandez-Barrantes
	High risk of recurrent <i>Clostridioides difficile</i> infection after previous episodes, regardless of treatment or number of recurrences	M. Stefansson
	Recurrent outbreak of carbapenemase-producing <i>Pseudomonas aeruginosa</i> (IMIP) in kidney transplant recipients: the role of prolonged carriers	M.-P. Freire
	Successful control of a cluster of OXA-48 producing <i>Klebsiella pneumoniae</i> sequence type 147 in a tertiary care spinal unit	A. Bal
	Uncovering the alarming spike of VRE CC17 at a Belgian hospital in 2022: a comprehensive genome sequencing investigation	K. Van Den Plas
	Genomically-supported redefinition of an outbreak in a paediatric unit caused by bla _{VIM} -harboring <i>Klebsiella michiganensis</i>	E. López Camacho
	Genomic analysis of a nosocomial outbreak of <i>Candida auris</i> in the Comunitat Valenciana (Spain)	F. Gonzalez-Candelas
	Toilet drain water as a potential reservoir for NDM1-producing <i>Klebsiella pneumoniae</i> : an outbreak report from a German university hospital including an effective eradication strategy	G.-B. Fucini
	Are cycle threshold (CT) values useful for predicting specific attributes of <i>Clostridioides difficile</i> infection?	M. Skally
	The added value of a regional, prospective whole genome sequencing (WGS) based surveillance for methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) outbreak detection in five hospitals in the Netherlands	V. Weterings
	Increase in antimicrobial consumption and <i>C. difficile</i> infection after the SARS-CoV-2 pandemic	M. Samarkos
	Prevalence of healthcare-associated infections in Greek long-term care facilities, HALT-4 2023: a fleeting glance for a promising future	K. Palaiopanos
	Correlation between toxin-producing <i>Clostridioides difficile</i> infection and multidrug-resistant bacteria in pre- and COVID-19 periods	L. Torrini
	Implementing nanopore whole-genome sequencing in <i>C. difficile</i> surveillance and outbreak investigation	A. Blomfeldt
	WGS confirmed the non-inferiority of the rapid and simple McRAPD typing in comparison with MLST in a <i>Klebsiella pneumoniae</i> outbreak	R.-R. Gergal Nagabhushana Rao
	Tip of the iceberg: how severe is 'severe' <i>C. difficile</i> ?	N. Reidy
	Outbreak of gastrointestinal symptoms in professionals related to water consumption in hospital	E. Neves
	<i>Clostridioides difficile</i> -associated infections: a gap in the Swiss surveillance of hospital-acquired infections	A.-F. Widmer
	Acquisition of bla _{CTX-M-15} throughout a <i>Pseudomonas aeruginosa</i> nosocomial outbreak	K. Bartlett
	Two years of an active carbapenem-resistant <i>Acinetobacter baumannii</i> outbreak in a burn intensive care unit	N.-L. Khanafer
	Early developability assessment of a single-domain antibody construct for gastrointestinal neutralisation of <i>Clostridium difficile</i> toxins	E. Rodriguez Rodriguez
	Efficient outbreak investigation of post-surgical intraocular <i>Staphylococcus epidermidis</i> infections by rapid whole genome sequencing and sharing data between hospitals.	M. Kemp
	Genomic insight into suspected outbreak of methicillin-susceptible <i>Staphylococcus aureus</i> surgical site infections in orthopaedic surgery	C. Magnan
	Outbreak of <i>Burkholderia contaminans</i> in Intensive Care Units of a Tertiary Hospital	M. Belsol
	Chlorhexadine linked <i>Burkholderia</i> -like outbreak in a tertiary care hospital: unique challenges in LMICs	S.-F. Mahmood
	Investigation of an outbreak due to <i>Achromobacter xylosoxidans</i>	K. Kontopoulou
	Adjunctive eravacycline as treatment in severe and fulminant <i>Clostridioides difficile</i> infections?	C. Arena
	Outbreak of NDM-1, OXA-48 and CTXM co-producing <i>Klebsiella pneumoniae</i> in a tertiary hospital in Spain	P.-L. Gómez Sastre
	Outbreak of <i>Burkholderia cepacia</i> in a hospital in southern Spain	A. López González-Salido
	Assessment of institutional management and control of <i>Clostridioides difficile</i> in public and private hospitals in Brazil	S. Figueiredo Costa
	Impact of the COVID-19 pandemic on <i>Clostridioides difficile</i> infection in Brazilian hospitals	L. Arcas Gonçalves
	Increased incidence of CDI over time as an indirect consequence of COVID-19 pandemic?	E. Doumouliaka
	Epidemiology and antimicrobial resistance pattern of <i>Clostridioides difficile</i> at a tertiary university hospital in Greece	E. Kalogeropoulou
	Healthcare-associated spondilodiscitis: worse outcome in patients on hemodialysis	Ö. Azap
	<i>Clostridioides difficile</i> Infections in England: switch to sustained increasing trends	R. Qureshi
	Core genome predictors of CDI severity	S. Gaber
	A novel sequence-based typing scheme for <i>Candida parapsilosis</i> can be used to track outbreaks	P. Brassington
	Practices to reduce the risk of transmission of <i>Clostridioides difficile</i> in France: national survey	N.-L. Khanafer

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Poster Area

8g. Infection control interventions and trials (incl. microbiota transplantation)

Direct molecular detection of pathogens in stool sample donors for fecal microbiota transplantation: five years experience	G. Quaranta
Contaminated duodenoscopes in endoscopic retrograde cholangiopancreatography: assessing risk and culture sensitivity	K. Van Der Ploeg
Establishing preconditions for effective duodenoscope reprocessing: an observational cohort study	K. Van Der Ploeg
The impact of universal contact precautions and chlorhexidine bathing on the acquisition of carbapenem resistant Enterobacterales in the intensive care unit	J. Jongtak
Faecal microbiota transplantation with lyophilized oral capsules in patients with <i>Clostridioides difficile</i> infection: a five-year experience in a university hospital	S. De La Villa Martinez
Prolonged use of breathing systems used in anaesthesia for up to seven days instead of 24 hours	C.-P. Haanappel
Efficacy and safety of antiseptic cleansing in reducing bacterial vertical transmission: NeoVTAMR	E. Beales
Faecal microbiota transplantation excluding <i>C. difficile</i> French experience from 2019 to 2022, indication and efficacy analysis	A. Bleibtreu
Decolonization: the beginning of the end of carbapenemases?	A. Alberola Romano
Nanoparticle-impregnated textiles as a promising tool to reduce incidence of healthcare-associated infections in the intensive care unit: an interrupted time-series study	D.-R. Falci
Safe and effective administration of subcutaneous antimicrobials: an observational retrospective cohort-study in 136 patients	M. Jumpertz
Results of an antibiotic stewardship programme in an oncologic institution from Bogota, Colombia	M.-J. Lopez
Semi-continuous disinfection of sinks with UVC on a haematology-oncology department for prevention of nosocomial infection	W. Van Der Zwet
Faecal microbiota transplantation: bacterial viability throughout the procedure of capsule preparation	L. Saiz Escobedo
Whole genome sequencing in clinical microbiology laboratory as a tool for infection control	M. Riesgo Magaña
Impact of in loco training to reduce cases of <i>Clostridioides difficile</i> infection in onco-hematology patients and hematopoietic stem cell transplantation	O.-N. Encinas Sejas
Intestinal microbiota transplantation for patients colonised with multidrug-resistant organisms have an improvement in clinical outcomes associated with a significant increase in alpha-diversity metrics of the gastrointestinal microbiota	R. Ghani

12:00 - 13:30

Poster Area

8h. Disinfection & biocides

Unraveling the complex interplay of biocide resistance, efflux pump mechanisms, and sequence typing in carbapenem-resistant <i>Acinetobacter baumannii</i> : a comprehensive multicentre investigation	M.-U. Qamar
Antiseptics, biocides, disinfectants: a common practice under the aegis of complex regulations	C. Moreau
Exploring tolerance to quaternary ammonium compounds in <i>Klebsiella pneumoniae</i> with a focus on the food chain: phenotypic and genomic insights	P. Antunes
Portable UV-C device decontaminator: an <i>in vitro</i> microbiological analysis	N. Iorio
Persistence and bactericidal effect of various disinfectants for clinical isolates of <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i>	M. Kawamura
Alcohol-based hand rubs meet EN 1500 requirements in 15 seconds	C. Senges
Biocide resistance among <i>Enterobacteriaceae</i> from fecal samples of children living in urban polluted areas	C. López López
Bactericidal activities of ceragenins and N-chlorotaurine against <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> clinical strains	M. Hacioglu
Biocides susceptibility among high-risk clones of multidrug-resistant <i>Pseudomonas aeruginosa</i> in Southern France	M. Constant
Fading solutions: are 2-in-1 oxidising disinfectants too good to be true?	L. Brown
Label-free flow cytometry for fast evaluation of surface disinfectants bactericidal efficacy	A.-M. Pîndaru

8i. Healthcare workers and infection prevention (incl vaccination, protective equipment, behavioural aspects, training and practices)

Hand hygiene practice compliance among health care workers and associated factors during and after COVID-19 pandemic	H. Ayachi
Frequency and distribution of carriers of pathogenic bacteria during regular sanitary examinations in throat and nose swabs of employees in the surgical departments of the University Clinical Center Tuzla, Bosnia and Herzegovina: overview of the period 2020-2022	D. Hasic
Reliability of healthcare worker self-reported COVID-19 vaccination status	L. Townsend
Employing Delphi survey methods to identify indicators and targets for the World Health Organization (WHO) infection prevention and control (IPC) global action plan	G. Satta
Does gel nail polish really have a negative impact on the quality of hand hygiene (HH) with alcohol rub?	P. Arreba
Enhancing feedback and implementation of infection risk scan (IRIS) findings among healthcare workers in nursing homes	Y. Hendriks
Radiant protection: confidence in appropriate use of personal protective equipment improved following ultraviolet dye simulation training in a pilot study	A. Richards
Assessment of a novel isolation care tent in Uganda during the 2022 ebolavirus outbreak showed potential impact and feasibility	M.-J. Broadhurst
Hand hygiene compliance rates and the interventions to increase hand hygiene compliance among healthcare workers in a tertiary care educational hemato-oncology hospital	O.-R. Sipahi
Isolation precautions compliance rates among healthcare workers in a tertiary care educational hemato-oncology hospital	O.-R. Sipahi
Proper glove use: a multicentre before-after regional de-implementation study	A. Voor In T Holt
Immune status of healthcare workers to the measles virus in an infectious disease tertiary medical center in Croatia	O. Đaković Rode
Preliminary insights into the applicability of a gamification strategy to improve hand hygiene and IPC	N. Reinoso Schiller
Factors influencing healthcare workers' compliance with infection prevention and control measures in acute care settings during the COVID-19 pandemic in Canada	N. Robertson
Healthcare workers known to be colonised with livestock-associated methicillin-resistant Staphylococcus aureus did not cause nosocomial transmission	T. Habben Jansen
Electronic hand hygiene monitoring tools for implementation of optimal hand sanitising adherence in neonatal intensive care	C. Minotti
A multimodal approach to high consequence infectious disease training	C. Tuudah
Results of electronic monitoring of hand hygiene performance in Dutch primary care	N. Hilt
Assessing the Hawthorne effect: implications and solutions	S.-F. Mahmood
Adherence to hand hygiene in the five moments in an intensive care unit of a reference hospital for infectious diseases in the state of San Paulo, Brazil	R.-K. De Luca Ito
Occupational HIV exposures and post-exposure prophylaxis practices in Indian healthcare organisations: a survey	A. Surendhar
Evaluation of the infection prevention and control education program for all medical master students at Radboud university medical centre, the Netherlands	O. Coenen
Preparing first-line health care workers in the Flemish health care system for Virus X (FiLi-Vi-X)	A. Mondelaers
A decade of high-level isolation unit activities at Antwerp university hospital: lessons learned and future challenges (2014-2023)	A. Mondelaers
Infection prevention and control and water, sanitation and hygiene training for strengthening national outbreak capacity in the eastern mediterranean region	A. Baller
Assessing infection control readiness in LMIC hospitals through mystery patient drills	S.-F. Mahmood
Evaluation of the knowledge of doctors in training at the Mohamed VI university hospital of Marrakech regarding blood exposure accidents	F. Ihibbane
Evaluation of infection prevention and control practices at a tertiary care hospital in southwest Ethiopia	M.-T. Jano

9a. Microbial pathogenesis & virulence

Clostridioides difficile toxin B suppresses the migration ability in human neutrophils	Y. Kimura
Decoding Acinetobacter pittii: unveiling phenotypic and genotypic traits in seven isolates	N. Rakovitsky
Testosterone alters the virulence traits of uropathogenic Escherichia coli	R. Wu

ST218 <i>Klebsiella pneumoniae</i> became a high-risk clone for multidrug resistance and hypervirulence	P. Yang
Alpha-1-antitrypsin as novel target of <i>Staphylococcus aureus</i> ; Spl proteases	F. Scherr
Polymicrobial interactions: implications for virulence in chronic lung disease	N. Sarwar
Virulence factors among carbapenem-resistant <i>Klebsiella pneumoniae</i> in Portugal: a multicentre study	G. Mendes
Molecular and phenotypic approaches to characterise virulence determinants among clinical <i>Staphylococcus lugdunensis</i> isolates	C. Isnard
Virulence Factor Profiles of carbapenem-resistant <i>Acinetobacter baumannii</i> harbouring bla _{OXA-24/40} involved in two outbreaks in a Tertiary Hospital in northern Spain	M. Aranzamendi
Roles of <i>mltB1-rlpA-dacC</i> operon in bacterial morphology and β -lactam susceptibility in <i>Stenotrophomonas maltophilia</i>	C.-M. Wu
Virulence mechanism changes in colistin tolerant <i>K. pneumoniae</i> , <i>A. baumannii</i> , and <i>P. aeruginosa</i> cells at the transcriptomic level	C. Vatansever
Microbiological features and clinical impact of the T6SS in <i>Pseudomonas aeruginosa</i> isolates	T.-S. Lopes De Sousa
Testing physiologically relevant oxygen concentrations on antibiotic susceptibility and virulence of classical multidrug-resistant, hypervirulent and convergent <i>Klebsiella pneumoniae</i> lineages	A. Al-Bakri
Disappearance and recovery of ompW protein in cellular membrane of <i>Acinetobacter baumannii</i> in relation with colistin resistance	J. Boral
The roles of Wzc variants on hypermucoviscosity (HMV) and capsular polysaccharide (CPS) production in <i>Klebsiella pneumoniae</i>	W. Zhao
Cyclophilin AIL09810.1 from <i>Stenotrophomonas maltophilia</i> has a PPIase activity and could potentially be inhibited by non-peptide small-molecule cyclophilin inhibitors	F. Botterel
Evolution of triclosan resistance modulates bacterial permissiveness to multidrug resistance plasmids and phages	Q. Yang
Inter-species interactions alter antimicrobial susceptibility in polymicrobial infection scenarios	E. Benyei
Impact of genomic adaptation on stress response and virulence of sequential urinary isolates of <i>Pseudomonas aeruginosa</i>	C. Martin-Duval
Characterisation of the outer membrane vesicles of <i>Pseudomonas aeruginosa</i> exhibiting growth inhibition against <i>Acinetobacter baumannii</i>	J. Suh
Comparative genomic markers of <i>Staphylococcus epidermidis</i> strains causing bone and joint infection with skin colonisers	M. Salles
Pig farms in crisis: Reveals imminent threats of antibiotic resistance, biofilm formation and high-risk clonal lineages	A. Silva
Hypervirulent <i>Klebsiella pneumoniae</i> isolates from the Western Cape of South Africa	A. De Villiers
The FhaB/C two partner secretion system plays an important role in the pathogenesis of <i>Klebsiella pneumoniae</i> ST15	A. Tajuelo Moreno-Palancas
Altered virulence patterns in the ST235 high-risk clone of carbapenem-resistant <i>Pseudomonas aeruginosa</i>	C. Vatansever
Implication of colanic acid in the pathogenicity of adherent-invasive <i>Escherichia coli</i>	Q. Bonet-Rossinyol
Phylogenic and genomic comparative studies of <i>Pseudomonas aeruginosa</i> strains without the type III secretion system	Y. Saenz
Pilus expression and gene copy number dynamics in <i>Neisseria meningitidis</i> causing invasive disease vs carriage	S. Thulin Hedberg
<i>Streptococcus sanguinis</i> strains isolated from patients with infective endocarditis show immune system evasion mechanisms	L. Araujo Alves
Clinical GBS strains display membrane damaging activity which is glucose dependent	E. Alsheim
Exploring microbial interaction in polymicrobial biofilms: impact on biomass and antibiotic susceptibility	T. Lima
<i>Corema album</i> activity against biofilm formation and adhesion in <i>Streptococcus pyogenes</i>	N. Osório
Unusual hypermuroid KPC-producing <i>Klebsiella pneumoniae</i> Sequence Type 101	A. De Francesco

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Poster Area

9b. Host-pathogen interaction (incl basic microbiome studies, animal models)

Gut microbiome characterisation of inflammatory bowel disease, <i>Clostridioides difficile</i> infection and co-infection	S.-N. Vazquez Cuesta
The impacts of the crosstalk between bacterial vaginosis associated bacteria and <i>Trichomonas vaginalis</i> on the pathogenesis and host immune responses	S.-F. Chiu
<i>In vivo</i> mapping of key bacterial species reveals <i>Enterococcus faecalis</i> and <i>Escherichia coli</i> as promising biomarkers of <i>postmortem</i> interval estimation	A.-R. Freitas

	Ex vivo modeling of pneumonia-associated bacterial infections using hamster precision-cut lung tissue slices	H.-Y. Chen
	Impact of achieving bone sterilisation on bone architecture and bone marrow, in an experimental rabbit model of osteomyelitis caused by carbapenemase-producing Enterobacterales	B. Davido
	Synchrony or divergence? Exploring the vaginal and endometrial microbiome	C. Povey
	Ciprofloxacin residues in food can induce resistance to ciprofloxacin in Klebsiella pneumoniae in Galleria mellonella	C. Kenyon
	Establishing Zophobas morio larvae as a model for the study of Klebsiella pneumoniae virulence and therapeutics	N. Rakovitsky
	Impact of gestation, maternal diet and low body mass index (BMI) on breastmilk microbiome of Indian mothers delivering preterm	A. Chakraborty
	Associations between the gut microbiome, inflammation and cardiovascular profiles in People with HIV (PWH)	R. Mac Cann
	Analgesia with buprenorphine influences clinical relevant outcome parameters in experimental pneumococcal meningitis	D. Grandgirard
	High-frequency apoptosis upon human splenic macrophages after phagocytosis of blood borne pathogens	M.-R. Oggioni
	THP-1 infection model for characterization of clinical Mycobacterium abscessus strains from Cystic Fibrosis patients: a multicenter study.	A. Ruedas López
	Alterations in gut microbiome-immune interface in multiple sclerosis	S. Nthuku
	Urinary tract microbiological diversity of healthy young men in Poland	F. Bielec
	Cefiderocol and inoculum effect: discordant results between in vitro and murine model of peritonitis	A.-S. Godron
	Delving into the oral-gut axis: within-host evolution and dynamics of oral and intestinal streptococci	M.-M.-H. Abdelbary
	A four-member defined microbial community and its soluble products protect mice from Clostridioides difficile infection	K. Douchant
	Deepness of dormancy of intracellular persisters of Escherichia coli selected by ciprofloxacin depends on host cell oxidative stress	G. Wang
	Staphylococcus epidermidis has low internalization capacity in periprosthetic nonprofessional phagocytic cells	A.-L. Maucotel
	Salmonella type 1 fimbriae induce interferon- β ; expression via Toll-like receptor in macrophages	U. Kei-Ichi
	Ultraviolet A light, a novel approach to combat ventilator-associated pneumonia caused by Pseudomonas aeruginosa: an animal study	B. Llonch Bertrand
	Clinical isolates of P. aeruginosa cause different virulence biomarker signatures in the course of a chronic lung infection model	K. Rox
	Nasal microbiota influence clinical response in chronic rhinosinusitis with nasal polyps in surgery and monoclonal treatments	G. Vertillo Aluisio
	Urinary tract microbiome of asymptomatic individuals with spinal cord injury	E. Valido
	HOCl-producing electrochemical bandages for treating MRSA and polymicrobial murine wound infections	D. Fleming
	The immune modulator role of the peg344 gene among Hypervirulent Klebsiella pneumoniae (hvKp)	G. Ekinçi
	Multi-kingdom oral microbiome analysis identifies biomarkers of early-onset cryptogenic ischemic stroke	M. Manzoor
	Glatiramer acetate used for the treatment of multiple sclerosis stimulates phagocytosis and intracellular killing of Escherichia coli by peritoneal macrophages and microglia	R. Nau
	A pilot study to investigate the competence of the eye-seeking fly Musca sorbens as a vector for ocular strains of Chlamydia trachomatis	E.-A. Workneh
	Different phylotypes of Cutibacterium acnes strains were able to infect an in vivo model of Galleria mellonella	M. Neri Lucas Kurihara
	Duration of cefazolin prophylaxis did not impact periprosthetic joint infection (PJI) risk in a murine model of total joint arthroplasty	M. Karau
	Characterising the synovial microbiome: a role for nanopore sequencing?	C. Cher Bing
	Humanised serum concentrations of meropenem, meropenem-vaborbactam, and ceftazidime-avibactam against carbapenem-resistant Enterobacter cloacae	T. Lavoie
	In vivo evolution of antimicrobial resistance in a biofilm model of Pseudomonas aeruginosa chronic lung infection	D. Higazy
	Neutrophil-mediated molecular immune response to bacterial CNS infection	D. Luptáková
	Impact of antibiotic substance class and duration on intestinal microbiome alterations and presence of fungi	L. Biehl
	Quantitative assessment of pneumococcal urinary antigen reflects the severity of pneumonia and the effect of antibiotics treatment in pneumococcal pneumonia mouse model	S. Kikuchi
	Inhibition of high-priority respiratory pathogens is a general feature of the fastidious nasal commensal Dolosigranulum pigrum	N. Weber
	Melatonin induces antiviral effect in human intestinal organoids via type III IFN pathway	M. Seskute
	Gut Muribaculaceae determines susceptibility to sepsis by modulating the systemic immune response	H.-W. Seo

Characterization of <i>Escherichia coli</i> present in maternal-infant environment	M. Bernabeu
Giardia infection is associated with altered Commensal Microbial Diversity of the Murine Gut	S. Guleria
Human papillomavirus infection and cervico-vaginal microbiome in women in the sub-Himalayan population of India	S.-K. Gupta
Probing the Antimicrobial Arsenal: Characterization and Evaluation of a Proteus Phage isolated from Human Pus against Predefined Multidrug-Resistant Host-Range	S. Shrestha
Interaction between IgA and <i>Methanobrevibacter smithii</i> in early onset of Multiple Sclerosis	T. Sonicki
Differential phagocytosis and cytokine response to <i>Mycobacterium massiliense</i> and <i>Mycobacterium abscessus</i> in human keratinocytes	U.-I. Wu
Microbiome analysis of non-healing diabetic foot ulcers reveal distinct patient specific microbiomes containing fungi that are minimally impacted by antibiotic therapy	C. Williams
Dietary consumption of antibiotics can favour the colonization of antibiotic resistant Gram-negative pathogens (ARGNs) in an <i>ex-vivo</i> model of the human gut microbiome	D. Hocquet
Characterization of <i>Enterococcus faecalis</i> -platelet interactions: insights into infective endocarditis mechanisms	M.-A. Brai
Effect of metabolites produced by pathogenic microbes on wound healing	C. Sachdeva
Faecal microbiota transplantation alleviates alcohol preference in vulnerable stressed rats	S. Nassimia
Characterisation of <i>Enterococcus faecalis</i> , platelet interactions: insights into infective endocarditis	M.-A. Brai
Antagonistic interactions among clinical isolates of <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> in <i>ex vivo</i> donor cornea model of polymicrobial infections	S. Mitra
Location and profile of commensal bacteria in human milk	A. Sharma
A porcine model of pyelonephritis with uropathogenic <i>Escherichia coli</i>	K. Stærk
Investigating bacterial infections in <i>Galleria mellonella</i> larvae: insights into pathogen dissemination and behavior	A.-P. Joana
The taxonomic structure of lung-associated microbiota can modulate tumor microenvironment	E. Ottaviano
Enriched polyphenol cultures of <i>Lactobacillus helveticus</i> and <i>Lactobacillus rhamnosus</i> inhibit <i>Candida albicans</i> growth and modulate pro-inflammatory signaling	S. Rizzo
Skin microbiome of healthcare workers who utilised individual protective masks during and after the SARS-CoV-2 pandemic	J.-V.-D.-S. Fonseca
The pro-inflammatory signature of gut microbiota in CDKL5 disorder	E. Borghi
Strong homology between colonising and bloodstream carbapenem-resistant <i>Acinetobacter</i> spp.: implications for empiric antibiotic therapy in haematological patients	J. Li
Evaluation of gastric microbiota and gastric cancer association in patients infected with <i>Helicobacter pylori</i>	D. Ozbey
Gut microbiota composition and <i>Clostridioides difficile</i> infection: the potential protective role of <i>Faecalibacterium prausnitzii</i>	N. Cassir
Role of the T4aP pilus of <i>P. aeruginosa</i> in recognition by the innate immune system	Y. Sereme

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Poster Area

9c. Pre-clinical biofilm studies

Oral biofilm engineering: <i>in vitro</i> oral biofilm model for mimicking biofilm development under <i>in vivo</i> conditions on Ti6Al4V and Y-TZP specimens	R.-N.-C. Utomo
Anti-biofilm characterisation of PEEK coated with antiseptics	M. Díaz-Navarro
Under the hypercapnic challenge: how macrophages react to pneumonia-causing bacteria	E. Campaña-Duel
Development of inhaled dry powder fluconazole and investigation of the effectiveness in the eradication of <i>Candida albicans</i> biofilms	R. Aljalamdeh
Clone-specific effect of ibuprofen, paracetamol and acetylsalicylic acid on growth and biofilm formation of methicillin-resistant <i>Staphylococcus aureus</i>	A. Rozsypáľková
<i>Staphylococcus aureus</i> biofilm attachment strength correlated to zeta-potential charge	T. Lavoie
Determination of multidrug-resistant <i>Proteus mirabilis</i> biofilm formation ability of urinary infection in pregnant women	M. Mishyna
Oral ciprofloxacin biofilm activity in a catheter-associated urinary tract infection model	I. Abbott
Optimising biofilm management: thymol's synergistic partnership with antibiotics	M.-R. Pino Otín
SdiA regulates biofilm maturation of <i>Klebsiella pneumoniae</i> in response to C6-HSL	S. Silva Bea
Glucosazone as an inhibitor of quorum sensing in biofilm-forming <i>P. aeruginosa</i> , an <i>in silico</i> and <i>in vitro</i> study	P.-K.-R. Gayam
The antifungal luliconazole is efficient against <i>Aspergillus fumigatus</i> biofilm formation in human-like models	D.-T. Furnica

	Quantification and comparison of different biofilm components from methicillin-susceptible <i>Staphylococcus aureus</i> treated with tranexamic acid using an <i>in vitro</i> model	M. Díaz-Navarro
	Tiered approach to predict <i>in vitro</i> antibiofilm activity of plant extracts against cystic fibrosis isolates for drug discovery and development	E. Silva
	Activity of phage alone and with vancomycin against periprosthetic joint infection-associated <i>Staphylococcus aureus</i> , <i>Staphylococcus epidermidis</i> and <i>Staphylococcus lugdunensis</i> on orthopedic Kirschner wires: an <i>in vitro</i> study	J. Alvarez Otero
	Biofilm formation and antibiotic tolerance in <i>Staphylococcus aureus</i> from spinal cord stimulation device-related infections	F. Sivori
	Antimicrobial and antibiofilm activities of an electrolytic sodium hypochlorite solution against ESKAPE pathogens and <i>Candida albicans</i> from patients with infected pressure ulcers	G. Fabrizio
	Synergistic activity of amphotericin B with voriconazole against <i>Trichosporon asahii</i> biofilms: is it worth combining?	K. Zarras
	Genotypic and phenotypic characterisation of biofilm-forming <i>Borrelia burgdorferi</i> s.l. strains isolated from patients with erythema migrans	G. Fabrizio
	<i>Pseudomonas mendocina</i> isolated from <i>Anopheles</i> midguts generates thick biofilms: a potential new malaria transmission blocking tool	S.-S. Costa
	Effectiveness of clindamycin in treatment strategies for staphylococcal mature biofilm-associated infections?	S. Van Dun
	Synergistic effect of N-acetyl-L-cysteine and propolis dry extract combination on bacterial biofilms of upper respiratory tract pathogens	D. Bozic
	Biofilm development of enteropathogenic bacteria according to growth temperature	M. Medel Plaza
	Induction thermal disinfection: <i>in vitro</i> and <i>in vivo</i> control of mature biofilms on prosthetic metal components	M. Medel Plaza
	Are quaternary ammonium compounds effective against carbapenemase-producing microorganisms?	E. Presterl
	Biofilm formation and multidrug resistance in strains isolated from medical device-associated infection	A. Sanchez Morillo
	Anti-biofilm activity of virulent <i>Acinetobacter baumannii</i> phages encoding depolymerases	S. Unlu
	Characterization of biofilm matrix of <i>Staphylococcus lugdunensis</i> reveals key differences according to strain and iron availability	L. Destruel
	Breast Implant Topography Influences <i>S. epidermidis</i> Biofilm: A Comparative <i>In Vivo</i> Study.	F. Carmona-Torre
	Pharmacodynamic modeling of colistin and imipenem against <i>in vitro</i> <i>P. aeruginosa</i> biofilms	Y. Guo
	Activities of CSA-44 and CSA-131 against <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> biofilms in collagen wound biofilm and <i>Caenorhabditis elegans</i> model systems	F.-N. Yilmaz
	Antibiofilm activity of a broad-spectrum novel antimicrobial hydrogel in an <i>ex vivo</i> porcine wound infection model	H. Shahrour
	Novel compounds with an isocyanide pharmacophore show antimicrobial and antibiofilm activity against multidrug-resistant staphylococci	C. Ceresa
	Selenocompounds as efflux pump and biofilm inhibitors on <i>Staphylococcus aureus</i> strains	G. Spengler
	Evolution of invasive <i>Salmonella typhimurium</i> towards decreased biofilm formation	E. Arconada Nuin
	Psoralen plus UVA (PUVA) treatment as an effective intervention to prevent biofilm formation of <i>Staphylococcus aureus</i> in patients' wounds	M. Pooya
	Evasion of host immune system by <i>Acinetobacter baumannii</i> biofilm	D. Kumar
	3D printed melt electrowritten drug eluting fibre for prevention of device-associated infections: a pilot study	J. Martins
	Evaluation of Direct and Alternating Electrical Current against <i>Staphylococcus aureus</i> Biofilms	R. Fanaei Pirlar
	Combination of sonication with dithiothreitol treatment does not improve bacterial dislodging from biofilm in an <i>in vitro</i> model	E. De Vecchi
	Biofilm formation and mucosal barrier disruption by mycobacteria on airway epithelial cells	A. Barclay
	Acetylation of xenogenetic silencer H-NS regulates biofilm developmemt through the nitrogen homeostasis regulator in <i>Shewanella</i>	X. Liu
	Iminosugar PDIA as potential novel antibiofilm compound that shows <i>in vivo</i> activity against staphylococcal skin wound infection in mice	L. Kozien
	Degradation of preformed Gram-positive and Gram-negative bacteria biofilms using disintegrated and intact phages	A. Karaynir
	Phage-encoded novel DP21 enzyme, a polysaccharide depolymerase, prevents and destruct biofilms of various species	S.-D. Hanife
	Periprosthetic hip and knee joint infection: biofilm and c-di-GMP production	A. Liberatore
	Antibacterial and Antibiofilm potential of green synthesised nanoparticles by optimising its reaction parameters against multidrug-resistant clinical isolates of nosocomial infections	D. Diksha

	Does biofilm forming capacity responsible for antifungal resistance among the Trichophyton mentagrophytes/interdigitale complex isolates without mutation in squalene gene (F397L)?	D. Shaw
	Mucin drives fitness trade-offs between phage resistance and biofilm formation in Yersinia enterocolitica serotype O:8	S. Gholadze
	In vitro biofilm formation by methicillin-resistant S. aureus in skin, blood, and bone/joint infections	K. Bouiller
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9d. Experimental and cellular microbiology		
	CRISPRi-seq identifies genes enhancing phage lysin Cpl-1 susceptibility in S. pneumoniae	H. De Villiers De La Noue
	Mutations triggered by antiseptic and antibiotic selective pressure on clinical Pseudomonas aeruginosa isolates	L. Poirel
	Bactericidal effect and the mechanism by the high-speed water nanodroplet generation technology as a new sterilisation method	Y. Tamura
	HemU (Smlt3895) is the inner membrane transporter responsible for hemin acquisition in Stenotrophomonas maltophilia	T.-C. Yang
	Comparison between brand-name and generic drugs about meropenem-induced endotoxin release in Pseudomonas aeruginosa	M. Kawamura
	FepA, FciA, and SbaA are the TonB-dependent transporters responsible for ferri-stenobactin uptake in Stenotrophomonas maltophilia KJ	L.-H. Li
	Diversity in infection capacity of epidemic and sporadic vancomycin-variable and resistant Enterococcus faecium isolates studied in an in vitro intestinal flow model	D. Rask Tomby
	Influencing the paediatric oral resistome: host genetics, environment or mother?	E. Martinez
	Induction of antibiotic resistance in Klebsiella pneumoniae: a study on the effects of sub-MIC ciprofloxacin exposure	Z. Gestels
	Development of an antibacterial plus bacteriophage combination assays	M. Attwood
	Staphylococcal occupancy within the human nasal microbiota	M. Stegger
	Effect of essential oils on microbial cultures tracked by Raman spectroscopy	K. Rebrošová
	Meropenem or ceftazidime/avibactam first in ESBL-harbouring Enterobacterales?	D. Zollinger
	Graphene quantum dots as promising nanomaterials against Mycobacterium tuberculosis infection	G. Santarelli
	A systematic characterization of the highly conserved Proteus mirabilis urease promoter	M. Fitzgerald
	Structural analysis and chemical mapping of individual bacteriophage using infrared nanospectroscopy	Y. Cao
	Microbial growth enhancers and their influence on multi-drug resistance strains	I. Kleyn
	Assessing mastoparan in eradicating persisters-manifested clinical isolates alone or in-combination with antibiotics and/or immune cells in-vitro	T.-P. Lim
	Lactic acid as a factor preventing the development of urinary tract infections caused by Proteus mirabilis	D. Szczerbiec
	Streptococcus pneumoniae serotype 8: to be or not to be mucoid	J. Gomes-Silva
	A zeta potential study to measure S. aureus adhesion on human bone osteosarcoma cells	P.-G. Bonacci
	Understanding of quorum sensing profile in Staphylococcus aureus infections	N. Castro
	Biosynthesis of titanium oxide nanoparticles using Olea europaea and evaluation of its antibiofilm potential against Pseudomonas aeruginosa isolates from cystic fibrosis patients	H. Al-Monmai
	Exploring the Vaginal Ecosystem in the Rhesus Macaques: A lesson from HIV prevention strategies	K. Tozer
	Antibacterial, resistance modulation, anti-biofilm, and efflux pump inhibition properties of Loeseneriella africana (Willd.) N. Halle (Celastraceae) stem extract and its constituents	J. Asante
	Evaluation of the synergy, mutant prevention concentrations and resistance mechanisms to minocycline combinations with a novel cyclic peptide in Pseudomonas aeruginosa	M.-A. Gomis Font
	In vitro activity in urine-mimicking acidic conditions and in vitro selection of resistant mutants for levofloxacin, moxifloxacin and delafloxacin against Enterococcus faecalis isolates responsible for male urinary tract infections	V. Cattoir
	Epistasis and antimicrobial resistance in the carbapenemase KPC-2	Z.-I. Nedjari
	Natural loss of LPS biogenesis genes in Serratia spp.: lipid A analysis in bacteraemia isolates	B. Pérez Viso
	Clinical E. coli isolates varies in persistence and antibiotic tolerance when exposed to β-lactams	N.-R. Alexandersen
	Developing a rapid phenotypic assessment of phage susceptibility using a nanomotion technology platform	A. Luraschi-Eggemann

	Enhanced supply of beneficial microbiota from maternal milk for preterm newborns through a milk personalisation process	T. Sincero
	Transmission mechanism of bla_{CTX-M-1} gene mediated by certain IncI1 plasmids in Salmonella isolates from non-human origin in Germany	A. Atxaerandio-Landa
	Polyphasic approach to detect, to isolate and to characterise candidate phyla radiation in human saliva	F. Benseddik
	Anti-toxin B neutralizing mAb AZD5148 provides protection in a Clostridioides difficile gnotobiotic piglet model	C. Tkaczyk
	Bypassing proline auxotrophy in Escherichia coli	D. Hughes
	Role of Burkholderia pseudomallei quorum molecules causes apoptosis in A549 cell lines	V. Agarwal
	Classical Klebsiella pneumoniae and hypervirulent Klebsiella pneumoniae have different clinical outcomes and biological characteristics	X. Zhuo
	Silencing of resistance mechanism in vancomycin-resistance enterococci (VRE) using antisense RNA of vanA gene	Y. Melis
	Assessment of Staphylococcus aureus phenotypic heterogeneity mediated by small colony variant formation	D. Bivona
	The release of cations from the clinical CoCrMo alloy has a direct impact on staphylococcal adherence	M. Martin Garcia

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9e. Basic science studies using Omics (in vitro and in vivo)	
Determination of the virulence profile of Klebsiella pneumoniae strains by an in vivo model of Galleria mellonella	M. Díaz-Navarro
Proteomic investigation of distinct P. aeruginosa strains with reduced motility evolved in the presence of S. aureus and K. pneumoniae supernatants	Y. Pan
Specific genes deletion promotes virulence plasmid mobilising into CRKP evolved to CR-HvKP with enhanced antioxidant capacity and survival ability in macrophage	X. Jia
Construction of a core genome multi-locus sequence typing schemes for population structure analyses of five Nocardia species	A. Adler
Unveiling the emergence of hypermucoviscosity during drug adaptive evolution in carbapenem-resistant Klebsiella pneumoniae	Q. Ding
Bacteria and host transcriptome and phenotype revealed the role of a novel plasmid pvirh1 in hypervirulent carbapenem-resistant Klebsiella pneumoniae	Y. Zhang
Mapping co-translation protein aggregation in E coli by inclusion body RNA sequencing and nascent chain profiling	K. Ladan
Genomic identification of capsular type and other virulence factors of multi-drug resistant Acinetobacter baumannii clinical isolates recovered from Alexandria, Egypt	S. Sánchez-Urtaza
Genomic and phenotypic characterization of Pseudomonas aeruginosa isolates from cystic fibrosis (CF) patients from two Mexican CF-attention centers	L.-Á. Nuñez-García
Whole genome analysis reveals differences in the type VI secretion system among serogroups of neonatal meningitis Escherichia coli	J. Ienes-Lima
Gut microbiome characterisation of patients with localised and metastatic colorectal cancer	S.-N. Vazquez Cuesta
Metabolomic perturbations dictate bacterial growth in the human bloodstream	L. Thakur
Insight into Acinetobacter baumannii's phenotypic and genotypic traits in oncological patients	I. Cavallo
Bacterial transcriptomics in staphylococcal bone and joint infections: translational experiments from exponential in vitro culture to in vivo infection	F. Laurent
Presence of microorganisms inside healthy human internal organs, challenging the sterility of human tissues	A. Skoulakis
Anthrax-associated virulence genes in whole genome sequences of archival and contemporary Bacillus cereus group isolates	S.-J. Sabin
Staphylococcus epidermidis genome remodelling during adaptation to hospital environment	M. Miragaia
The quinone oxidoreductase gene qorA contributes to host adaptation in MRSA ST59 lineage	F. Chen
Different subtypes of post-stroke pain syndrome: features of the gut microbiota	I. Stoma
Whole genome sequences revealed a novel phage-plasmid infecting Klebsiella pneumoniae	A. Uskudar-Guclu
Integrative -omic analysis reveals trans-translation pathway small protein B (smpB) as a novel drug target against multi-drug resistant E.coli	N. Singhal
Global transcriptomic study of a K.variicola clinical strain mutated in ramR	B. Langlois
Comparative genomic analysis of in vitro phenotypically distinct multidrug-resistant Klebsiella pneumoniae recovered from a single patient	N. Burillo

Accessory genome of difficult to treat <i>K. pneumoniae</i> and <i>P. aeruginosa</i> and its association with inpatient colonization status	L.-E. Franco Fobe
Alteration of Gut Virome in Primary Antibody Deficiencies	L. Imamovic
Probing Spatial Host-Pathogen Gene Expression: Unveiling Bacterial Pathogenesis and Regulatory Mechanisms of Virulence Factors in Tissues	F. Di Marco
Comparison of direct cDNA and PCR-cDNA Nanopore sequencing to evaluate gene expression in <i>Escherichia coli</i> isolates	G. Rodger
Lipooligosaccharide deficiency does not result in antigen loss in <i>Acinetobacter baumannii</i> membrane vesicles.	B. Cano Castaño
Unveiling ppGpp's role in Adherent-Invasive <i>Escherichia coli</i> through a transcriptomic analysis	L. Fernández-Coll
Chromosomal hybrids derived from clinical strains	T. Berruga Fernandez
High diversity of biosynthetic gene clusters and bacteriocins in staphylococci	S. Iversen
The Influence of Stress on the Gynecological Health of Minority Women	C. Yeoman
Human milk metabolites association with infant gut microbiome and metabolome development	H. Isokääntä
Pre-analytic procedures including stabilisation for nucleic acid analysis from stool	H. Block
<i>Gardnerella</i> Genomic and Phenotypic Insights into Female Urogenital Health Complexity	F. Grosso
Comparative transcriptomics disclose differences in gene expression that may be involved in the pathogenicity of adherent-invasive <i>Escherichia coli</i>	Q. Bonet-Rossinyol
<i>Staphylococcus aureus</i> -expressed acetolactate synthase enhances the biosynthesis of branched-chain amino acids and is linked to blood glucose in type 2 diabetes	T. Liang
Whole genome virulence trait screening of colistin-resistant and colistin-susceptible <i>Acinetobacter baumannii</i>	J. Boral
Genomic profile of <i>Staphylococcus aureus</i> from atopic dermatitis collected worldwide	M. Miragaia
Vaginal microbiome and phageome associated with bacterial vaginosis (BV)	R.-G. Ozkan
Identification and characterisation of coding and non-coding RNAs (cncRNAs) in hepatitis B virus	S. Sneha
A dual function for the messenger RNA encoding the major pneumococcal virulence factor PspA	J.-S. Pettersen
Whole-transcriptome sequencing identifies key differentially expressed mRNAs, miRNAs, lncRNAs, and circRNAs associated with gastric cancer	X. Zhou
Whole genome sequencing analysis of <i>C. albicans</i> and <i>C. parapsilosis</i> blood-cultured serial isolates collected at different time points: intra-patient analysis of 11 patients with candidaemia	A.-C. Mesquida Marcos

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Poster Area

11a. Professional affairs and career development

Graduate to scientist in UK microbiology: choosing the right path	A. Hale
Perceptions from pharmacists attending ECCMID conference: a cross-sectional survey of 25 pharmacists from eight countries that attended the 2023 ECCMID conference	D. Ashiru-Oredope

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Poster Area

11b. Publishing, ethics, other academic affairs

Sharing and re-use of anonymised individual data for infectious diseases research: challenges and solutions from PrIMAVERa project	M. Guedes
Full open access in infectious diseases and clinical microbiology is associated with lower article processing charges but lower academic impact	M. Moutel
What do we know about different stakeholders' attitudes towards sharing participant-level biomedical data during and outside of pandemics? A measurement systematic review	L. Maxwell

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Poster Area

11c. Medical education for CM/ID

Lessons learned: vaccination knowledge, opinions and practices of future healthcare providers	N. Afonso
Identification and evaluation of quality indicators in infectious diseases consultation reports by a Delphi-based online survey: evaluation of first survey responses	D. Hornuss

A scope of the new OPAT virtual ward service using nurse-filled flucloxacillin elastomeric pumps for orthopaedic infections with respect to cost-effectiveness and its limitation in secondary care	A. Liu
Physicians' knowledge, attitude, and practice towards blood culture sampling	H. Erandes
Evaluation of multidisciplinary tutorials sessions about antibiotics in the third year of pharmacy studies, school of pharmacy, Angers, France	A. Taisne
Tricks and treat! Gamification of learning concepts in infectious diseases through escape room case solving	R. Kardashi
­Knowledge, attitudes and practices on the climate crisis and the changing burden of infectious diseases among young Italian doctors and medical students: a national survey	F.-V. Segala
Challenges in obtaining adequate blood culture volumes: education required	L. Hookham
Medical online independent education significantly improves physician competence regarding the first line management of Clostridioides difficile infection	J. Duffey
Parasitological and microbiological assessment of contact lens storage cases: a survey on asymptomatic lens student wearers in Monastir, Tunisia	S. Belgacem
Medical microbiology in Europe: developments in training and scope of practice	M. Doyle
E-learning and mentoring to fight against antimicrobial resistance: feedback on a unique and impactful experience with Médecins Sans Frontières	M. Poupard
Taking a travel history is not explicitly mapped to undergraduate curricula across the UK	F. Liuzzi
Lessons learned from final year medical students and curriculum analysis on antibiotic stewardship in Africa	M.-A. Bashar
Revision of third year medical student microbiology syllabus using serious games: proof of concept	S. Delliere
Mini lessons, maximum impact: empowering medical resident's approach to antimicrobial stewardship with microlearning teaching-learning modules	R. Kochi
Which antimicrobial are you? A personality quiz to create AMR awareness in Belgian healthcare professionals	P. De Nocker
Clinicians' confidence in recognising and managing high consequence infectious diseases in the UK: a cross-sectional survey	A. Alam
Educational tool for antimicrobial stewardship (AMS): teaching and learning through self-assessment and feedback	S. Lapthorne

12:00 - 13:30		Poster Area
11d. Digital health and infection (incl AI, data mining, informatics)		
How does ChatGPT respond to questions pertaining to vaccine hesitancy from the general public?	M.-C.-Y. Koh	
ChatGPT as a tool to improve knowledge on sexually transmitted infections	M.-C.-Y. Koh	
High accuracy of convolutional neural network algorithm in Helicobacter pylori detection based on endoscopic imaging: a meta-analysis	M. Affudin	
First steps in establishing EU/EEA level surveillance of bloodstream infections from electronic health records	A. Sentis	
Developing an AI-enabled leprosy knowledge base chatbot for healthcare professionals in Malaysia	N. Abdul Rahman	
Clinicians' perceptions of electronic clinical decision support tools to manage patients with lower respiratory tract infections in Sri Lanka	W. De Zoysa	
Co-design of a digital application to remotely monitor long COVID symptoms: results from the UpcomingVoice study	A. Fischer	
Artificial intelligence in urinary tract infection: can machine learning models accurately predict antimicrobial susceptibility in urine culture bacterial isolates?	A.-L.-H. Lee	
Predicting COVID-19 severity level using an attention-based long short-term memory model utilising clinical data	I. Jung	
β-LacFamPred: an online tool for prediction and classi?cation of β-lactamase class, subclass, and family	D. Pandey	
Health Catch-UP!: process evaluation and co-development of an implementation strategy for a migrant multi-disease screening and vaccination tool	J. Carter	
Machine learning for antibiotic optimisation in multi-morbid patients	W. Bolton	
Machine learning based individualised intravenous-to-oral antibiotic switch decision support	W. Bolton	
Optimisation of AI for swift outpatient management of urinary tract infections	Y. Rouquet	
Assessing the performance of artificial intelligence vs human experts in answering clinical practice guideline questions related to periprosthetic joint infections	T. Schmidt	
Evaluation of blood culture outcome prediction machine learning model on prospectively collected emergency department dataset: results, lessons, and opportunities	B. Mcfadden	
A multicentre federated learning study to identify patients at high risk for 30-day mortality among vaccinated Omicron-infected patients	C.-C. Lee	

	Insights from artificial intelligence, COVID-19 pandemic impact on vaccination hesitancy in Algerian population	B. Boulila
	Epidemiology of the national clinical infectious disease response service in Japan during 2014−2023	M. Ishikane
	The use of UZA@home as an online contact tracing tool in the follow up of 12 students after contact with Lassa fever cases	Y. Somers
	Development and validation of an easy-to-use electronic data capture system for HIV-STIs data collection and management to support cohort studies in a pandemic scenario	A. Savoldi
	Antimicrobial resistance and virulence gene diversity in <i>Escherichia coli</i> and their classification by genomic context	T. Sekine
	A new approach for establishing multilocus sequence typing scheme: <i>Staphylococcus capitis</i> as an example	Z. Wang
	Deep-learning model for discrimination of different pneumonia from chest CT scans	W. Jin
	Development and evaluation of an artificial intelligence tool to keep standard operating procedures up to date with guidelines: a test case on hospital infection control	T. Habben Jansen
	Artificial intelligence for infectious diseases: a systematic review of diagnostics, surveillance, and treatment	G. Danoe
	Extracting symptoms from free-text responses using ChatGPT among COVID-19 cases in Hong Kong	W.-I. Wei
	Automating routine clinical data extraction to characterise acute infectious presentations in real-time	R. Hammond
	Daily monitoring of isolation-demanding patients: a programme based on electronic LIMS and automated mails	S.-C. Rasmussen
	Assessing ChatGPT's theoretical knowledge and prescriptive accuracy in bacterial infections: a comparative study with residents and specialists	A. De Vito
	Performance, efficiency and medical value of artificial intelligence software for MDRO screening	O. Dauwalder
	Public perception of the FDA approval of a long-acting injectable for HIV prevention: natural language processing study	T.-H. Kwan
	Evaluation of removal of an electronic health record alert on cephalosporin usage in patients with penicillin allergies	S. Ferren
	ReferenceSurfer: a bibliometric algorithm to identify underpinning original research in literature review and its application in reviewing beta-lactam pharmacodynamic targets	N. Reza
	Rapid multiplex antigen testing and self-declared symptom checkers as a tool to detect and manage respiratory disease on a university campus	C. O'riordan
	Antibiotic dispensing without a prescription among community pharmacies in the post COVID-19 era: a simulated client approach	H.-Q. Nguyen
	Randomised experiment of recruitment letter strategies to maximise clinical trial enrollment: insights from the DANFLU-2 trial	N.-D. Johansen
	Comparative genome analysis reveals insights into agr gene defects in <i>Staphylococcus aureus</i>	F. Awan
	COVID-19 vaccine introduction amplified negative sentiments on social media	G. Rodriguez-Nava
	Artificial intelligence/machine-learning tool for post-market surveillance of <i>in vitro</i> diagnostic assays	J. Reniewicz
	Plasmid annotation confounding not a leading cause for taxonomic misclassification	I. Gold Rodal
	Evaluation of travelers surveillance management information system (TSMIS) for points of entry in Pakistan, 2023	Z. Nasir
	IMMORTOOL: a web based application for quantifying the potential impact of immortal time bias in observational studies seeking to estimate treatment effects	T.-A. Yates
	Impact of intervention using Kaizen method in blood culture workflow and turn around time in Roberto del Rio Children's Hospital microbiology laboratory, experience before and after	D. Benadof
	Artificial Intelligence applications in parasitology diagnosis	M. Sotoudeh Nejad
	Imputation of missing antibiotic susceptibility values in <i>Pseudomonas aeruginosa</i> using machine learning	E. Denakpo
	mHealth for point-of-care testing and self-reporting of an infectious disease: a systems developer perspective	C. Heavin
	GENTRAIN: genome-based infection chain analysis to increase digitalisation level in the public health sector	M. Tröger
	Enhancing cybersecurity resilience in healthcare: a qualitative exploration of ransomware threats and educational interventions	J. Mustapha
	Application of the artificial intelligence to identification of the different bacteria in multi-species mixtures from the Gram stained microscopic preparations	M. Brzychczy-Wloch
	Clinical decision support of meropenem continuity in PICU using machine learning	J. Abdullah
	Recent updates on Bakta - a rapid & standardized software tool for the comprehensive annotation of bacterial genomes	O. Schwengers
	Off-label indications and outcomes for watch and reserve antibiotics according to the WHO AWaRe classification: a real-time interactive computer-assisted one-year survey in a large tertiary care hospital in northern Italy	L. Marletta
	Impact of electronic auditable pharmaceutical transaction and service (eAPTS) system implementation for supply chain, proper use of medicines, and delivering health services in Ethiopia	N.-S. Hassen

12:00 - 13:30		Poster Area
11e. Diversity and equality		
The Colombo dengue study: a successful collaboration between two countries for more inclusive research		C. Rodrigo
Evaluating social determinants of health (SDOH) in a diverse cohort initiating long-acting injectable cabotegravir for HIV pre-exposure prophylaxis in NYC		P. Pagán Pirallo
An equitable strategy to recruit underserved populations into LAI-PrEP Care in NYC		O. Mgbako
Addressing HIV testing gaps amongst migrant communities in Europe		D. Onyango
12:00 - 13:30		Poster Area
11f. Advocacy and role of patients		
Unravelling vaccine hesitancy: insights from an indigenous perspective in Meghalaya, India		S.-P. Sundaram
Enhancing World Antimicrobial Resistance Awareness Week: a patient-engaged paediatric hospital initiative to illuminate research questions		O. Mcgarity
12:00 - 13:30		Poster Area
12a. Viral infections		
Successful use of prolonged oral nirmatrelvir/ritonavir in an immunocompromised host with persistent SARS-CoV-2 viraemia and severe pneumonitis		J. Taylor
Tropical spastic paraparesis or multiple sclerosis? A diagnostic challenge from a non-endemic area		S. Gaggioli
Dumb rabies a close mimicker of Guillain-Barre syndrome		S. Maharatna
Asymptomatic transmission of human mpox		V. Duque
Severe chronic mpox in HIV/AIDS: implications on diagnosis and management		I.-M.-D. Cruz
Hemophagocytic lymphohistiocytosis in an undiagnosed HIV patient with SARS-CoV-2 co-infection after initiating antiretroviral therapy		S.-Y. Liu
Chronic Enterovirus infection following disseminated disease occurred during obinutuzumab treatment		E. Staffilano
Hepatitis B virus reactivation in a cancer patient with seronegative occult hepatitis B infection		T. Harrys
The diagnostic value of HSV antibody index in a post-transplant patient with refractory status epilepticus		A. Halioti
The utilisation of microbial cell-free DNA next-generation sequencing for the detection of human herpesvirus-8 in a quaternary care centre		R. Berger
Don't trust the appearances: how Epstein-Barr virus infection can mask a diagnosis of lymphoma		S. Roda
Herpes simplex virus 1 (HSV) pneumonia in post solid organ transplant setting: a case series		V.-R. Polati
Emergence of a unique immune evasive SARS-CoV-2 variant during a persistent infection for 613 days in an immunocompromised patient		M. Vergouwe
Human herpesvirus 6 reactivation in immunocompetent patients with psychiatric disorders		A. Bosio
Early immunoglobulins in disseminated varicella: a worthy thought		N. Mundadan
Dengue-induced haemophagocytic lymphohistiocytosis		I. Odea
Primary HSV-2 infection complicated by radiculomyelitis in a young immunocompetent female patient with inherited chromosomally integrated HHV-6		M.-T. Ngo Nsoga
A clinical case of haemorrhagic fever with renal syndrome in Lviv oblast: difficulties of diagnostics		O. Zubach
HTLV-1-associated syndromes: 2 case reports		C. Bayo
Orthopoxvirus' infection with interpersonal transmission in humans		G. Ramalho De Jesus
Acquired immunodeficiency syndrome masquerading as anti-neutrophil cytoplasmic antibody-associated vasculitis		E.-L. Huilar
A case of leukocytoclastic vasculitis related to acute parvovirus B19 infection		E. Öztürk
Hemophagocytic lymphohistiocytosis: the hidden sniper unmasked		A. Kurup
Combination antiviral therapy for persistent SARS-CoV-2 infection in immunocompromised patients: a case series		A. Gkoufa
Dengue or not? A rare case of seronegative dengue haemorrhagic encephalitis in an adult		S. Angirekula

Three cases of haemorrhagic fever with renal syndrome	D. Komitov
Diagnostic dilemma: a case series unraveling disseminated HSV-1 infection in patients with liver disease in a tertiary care liver centre	M. Grover
Role of early detection of pericholecystic fluid as a predictive marker for dengue fever leaking stage: experience from a low-resource centre	S.-R. Siriwardana
Occupational transmission of measles in the COVID-19 era	G. De Carli
First documented case of meningoencephalitis by herpes simplex type 2 and human herpesvirus type 6 coinfection in an immunocompetent patient	A. Barragán-Reyes
Herpes simplex virus 2 lymphadenitis in a patient with chronic lymphocytic leukaemia under ibrutinib	J.-C. Silva Matos
Human rabies and COVID-19 coinfection diagnosed by minimally invasive autopsy: lessons from a development country	L.-A.-B. Gadelha Farias
Autochthonous dengue outbreak in the Paris region, October 2023	M. Zatta
Maribavir for resistant CMV disseminated disease in a kidney transplant recipient: what goes around comes around	D. Vita
A case of fatal bocavirus pulmonary infection in an adult autologous haematopoietic stem cell transplant recipient	P.-M. Voutsinas
Fever with breathing crisis: a rare case of diffuse alveolar haemorrhage in dengue	N.-K. Midha
Severe adenovirus pneumonia in immunocompetent patients presenting as typical bacterial pneumonia	M. Kennedy
P323L mutation in a case with prolonged SARS-CoV-2 PCR positivity	Y. Ebru
Cytomegalovirus colitis mimicking ulcerative colitis	M. Chaudhary
Progressive multifocal leukoencephalopathy: old acquaintance, new perspective	C. Hidalgo Tenorio
Unravelling subacute sclerosis panencephalitis in a young patient with seizures and a measles Complexity: a rare encounter	A. Kale
Persistent replication of the human herpesvirus type 6A in two immunosuppressed patients	V. Rodríguez
Varicella pneumonia, in an immunocompetent patient	S. Acar
Delayed viral clearance during respiratory infections in children with combined immunodeficiency	S. Frigui

12:00 - 13:30

Poster Area

12b. Bacterial infections

The devastating triad: a rare case of Austrian syndrome following COVID-19 infection	A. Estepa
Community-acquired <i>Acinetobacter baumannii</i> meningitis in Guinea: has the threat extended beyond the healthcare facilities?	M. Romdhani
Dynamic evolution of <i>Achromobacter xylosoxidans</i> during antibiotic treatment in a single patient	M.-S. Ramirez
Infective endocarditis coexisting with acute bacterial meningitis caused by <i>Streptococcus suis</i>	S. Nimitvilai
Old ways won't open new doors	T. Vasireddy
<i>Nocardia</i> brain abscesses due to anti-GM-CSF autoantibodies treated with IFN- γ ; supplementation	R. Arts
Clinical characteristics of <i>Desulfovibrio</i> spp. bacteremia in a Japanese tertiary hospital	H. Kitagawa
<i>Leclercia adecarboxylata</i> necrotising soft tissue infection in an immunocompetent adult	L. Melendrez
Emergence of <i>Neisseria meningitidis</i> isolates with reduced susceptibility to third generation cephalosporins: report of the first two cases in Costa Rica, Latin America	M. Ramirez-Cardoce
Uncommon neonatal pyoderma associated with coagulase-negative <i>Staphylococcus</i> infection	M. Ter-Stepanyan
Tetanus in a patient with fungating breast cancer	L. Melendrez
Disseminated tuberculosis presenting as Evans syndrome: successful treatment with guideline-directed antituberculosis regimen and eltrombopag	V. Pinlac
Bacillary angiomatosis-associated immune reconstitution inflammatory syndrome	C. Durante
Unmasking multifocal tubercular pyomyositis: a challenging diagnostic journey	A. G P
Primary acute toxogenic <i>Clostridium difficile</i> megaprosthesis joint infection	S. Tan
First report of cefiderocol resistance in Croatia	B. Bedenic
Hepatobiliary and pancreatic tuberculosis: exceptional association	H. Ermandes
Leptospirosis in Liverpool: another "great imitator"?	H. Adler
Purulent <i>Klebsiella pneumoniae</i> meningitis complicated by thrombosis of the left internal carotid artery, cerebral abscesses and hydrocephalus	D. Hassan
Bacteriophage therapy of chronic non-healing wounds: a case series	S.-L. Kam
Lyme neuroborreliosis: Tunisian pediatric series	N. Missaoui

	A complex case of <i>Brucella</i> endocarditis of cardiac implantable device	J. Koleri
	Urine brilliance: urine TB LAM's role in challenging AIDS cases from LMIC's perspective	U.-A. Zainulabid
	A unique case of <i>Listeria monocytogenes</i> superinfection of tuberculous lymphadenitis	F. Sangiorgi
	<i>Lactobacillus</i> : an unlikely invader	C. Datnow
	<i>Granulicatella adiacens</i> periprosthetic knee joint infection	I. De Silva
	Unravelling the diagnostic and therapeutic challenges of atypical salmonella infections: insights from three cases	H. Manoharan
	Orthopaedic infections associated with <i>Nocardia</i> species: a case series	K. Ryan
	Tuberculosis: an enigma for clinicians and an uncertainty in diagnosis	A. Kumar P H
	First case of bacterial meningitis caused by <i>Bacteroides pyogenes</i>	T. Takano
	A case report of oral condyloma lata with mucous patches mimicking mucosal papilloma	K. Pattamasirikun
	Pulmonary actinomycosis following a dog bite	S. Araújo
	A case series of fatal <i>Streptococcus pyogenes</i> cases in Europe and Turkey: ESGFOR experience	A. Fernández-Rodríguez
	Delamanid use in children aged 0-2 years with MDR/preXDR-TB: case series report	G. Lysakov
	Unravelling the enigma: a rare case of tuberculosis aortitis in a young adult	H. Alawadhi
	A case of <i>Listeria</i> rhombencephalitis	J.-J. Fernández Díaz
	Delayed diagnosis of cutaneous diphtheria within an inpatient setting, leading to a large infection control incident	N. Kakkar
	Recurrent pulmonary nocardiosis in a patient with underlying idiopathic CD4 lymphocytopenia: a case report	D.-S. Meena
	Mysterious rods: an unusual heart valve infection	T. Jayasundera
	An interesting case of lepra reaction presenting as fever of unknown origin in a tertiary care centre in India	J. Subramanian
	A series of leptospirosis cases in industrial city	O. Ishchenko
	Striking a chord: <i>Fusobacterium nucleatum</i> 's symphony in the intricacies of biliary sepsis	U.-A. Zainulabid
	Pulmonary disease due to <i>Nocardia cyriacigeorgica</i> in an immunomodulated inflammatory bowel disease patient	N. Uribe Pulido
	Conquering the pink invader: a triumph over <i>Roseomonas mucosa</i> bacteraemia in an elderly patient	U.-A. Zainulabid
	Paws, probes, and PCR: unraveling the clinical jigsaw puzzle of <i>Bartonella henselae</i> infection	U.-A. Zainulabid
	Difficult-to-treat urethritis and orchiepididymitis due to <i>Mycoplasma hominis</i> in immunocompetent man	V. Passarelli
	The first case of acute cholangitis with bacteremia caused by <i>Weissella viridescens</i>	J. Lee
	From drowning to <i>Stenotrophomonas maltophilia</i> meningitis	F.-H. Bouhalloufa
	Contamination of an advanced organ support (ADVOS) system with <i>Ralstonia pickettii</i> as potential source of pyrexia in critically ill patients	S. Kampmeier
	Cryptic tularaemia infection: a multi-agency investigation of the first case presumed to be acquired in the United Kingdom	A. Thompson
	Multiple metastatic primary multidrug-resistant tubercular abscesses in an immunocompetent individual	M. Priyadarshi
	Rapid AST expedites antimicrobial therapy optimisation in BSI patients: clinical cases from the LIFETIMES HEOR study	G.-M. Rossolini
	Recurrent at intervals of 3 months or more: three cases of recurrent bacteraemic cholangitis caused by <i>Aeromonas caviae</i>	Y. Hirai
	Non-typhoidal <i>Salmonella</i> breast implant infection and bacteraemia in an HIV patient: a case report	Y.-M. Rodriguez
	Non-cholera <i>Vibrio</i> spp. invasive infections in the summer following May 2023 flood disaster in Romagna, Italy: a case series	I. Zaghi
	Panton-Valentine leukocidin: from diagnostic suspicion to detection in skin and soft tissue pediatric patients infections	G. Parisi
	Community-acquired meningitis due to <i>Pseudomonas aeruginosa</i> (PA) in an immunocompetent patient: case report and literature review	A.-I. Popa
	Bacteriophage therapy plus fecal microbiota transplantation to treat recurrent urinary tract infection (rUTI): a case series	S. Mccallin
	Navigating the complexity: disseminated <i>Mycobacterium chelonae</i> (M.chelonae) in an immunocompromised host	L.-X. Ting
	A novel bacterium of the family <i>Silvanigrellaceae</i> isolated from blood cultures of a drowned patient	X. Qingye
	<i>Shewanella algae</i> : the first reported case of infection in Ireland	J. O'Connor
	Long term prosthetic joint infection caused by an ESBL producing <i>Klebsiella pneumoniae</i> : genomic evolution and clinical microbiology lesson	D. Malandain
	My soft kitty: not as innocent as it sounds	M. Rivero Rodríguez

	Campylobacter fetus: a rare cause of cellulitis	A. Domínguez Lago
	Neisseria meningitidis: a cause of anogenital infections in six patients in a tertiary hospital over one-year period	L. Salar Vidal
	Cefepime/zidebactam as a salvage therapy for lung empyema caused by multidrug-resistant (MDR) Pseudomonas Aeruginosa (PSA) under compassionate use	V.-R. Polati
	A rare encounter of penicillin-resistant Listeria monocytogenes brain abscess	S. Gattu
	Dalbavancin paediatric therapeutic drug monitoring: real-life experience of complicated pneumonia treatment in an immunocompromised patient	M. Mariani
	Native valve endocarditis caused by Neisseria gonorrhoeae: a case report	M. Tuells Morales
	Nothing is as it seems in solid organ transplant recipients: the importance of pursuing etiological diagnosis in cutaneous lesions	F. D' Andrea
	Bacteremia due to Weissella confusa in a patient with acute myelogenous leukaemia at the Uganda Cancer Institute	M. Lubwama
	A case of bacteraemic pneumonia caused by hypervirulent Klebsiella pneumoniae	M.-L. Colombo
	Urogenital infection by Neisseria meningitidis	L. Andrés Eslava
	Beware the rods in Rodney Bay	O. Bird
	Rare case of Lawsonella clevelandensis postoperative infection	T. Došenović
	Successful microbiological treatment of extensively drug-resistant Pseudomonas aeruginosa endocarditis with imipenem/cilastatin/relebactam and fosfomycin	F. Salvati
	Lung abscess and pleural empyema due to Lawsonella clevelandensis: a first report	M. Von Rotz
	Not a grade B pathogen: two cases of Streptococcus agalactiae meningitis in adults, molecular diagnosis is essential	D. Heining
	Phage therapy in recurrent Pseudomonas septicemia in a patient with an arterial stent	R. Havela
	Non-O1/non-O139 Vibrio cholerae bacteraemia and cholangitis: an unusual case in an oncological patient in Lecco hospital, Italy	N. Gemignani
	A complex case of encephalitis and ventriculitis caused by Bacillus Calmette Guerin (BCG)	M. Albertini
	Roseomonas mucosa an uncommon pathogen responsible for invasive infection with discrepancies among antimicrobial susceptibility testing methods	C. Cotet
	Multivisceral brucellosis: unveiling the great mimicker	O. Smaoui
	Neurobrucellosis: report of 8 cases	M. Djema
	Tigecycline-based regimens for complicated urinary tract infections caused by carbapenem-resistant Gram-negative bacteria: case series	M.-E. Gorea
	Kingella kingae: a pathogen with profound potential	J.-A. Houlihan
	Click the right diagnosis of the patient: choose the right sample at the right time	B. Gupta
	Stenotrophomonas maltophilia bloodstream infections successfully treated with ceftazidime/avibactam and aztreonam	P. Ross
	Mycobacterium abscessus complex pneumonia in two immunocompetent patients	A.-R. Fernández
	Reason for consult: we need you to evaluate this patient for liver transplantation	M.-A. Mendoza
	Successful treatment of XDR/ST2 Acinetobacter baumannii ventriculitis with intrathecal tigecycline in 8-month-old infant	V. Passarelli
	Spirochaetastrophe	S.-N. Atta
	Unusual syphilis chronicles: unveiling skeletal involvement in two cases at an Italian STI clinic	L.-B. Lundgren
	Fatal necrotising fasciitis caused by hypervirulent Klebsiella pneumoniae serotype K2 ST 380	M. Hamidi
	Bullous chronic type 2 leprosy reaction: a case report	D.-J. Balagasay
	The first case of bacteremia caused by Chryseobacterium haifensis: identification of C. haifensis with multiple names in 16S rRNA databases	W.-J. Shin
	Therapeutic challenges in managing genitourinary infection caused by multidrug-resistant Mycobacterium abscessus strain FLAC013 in a young adult male	Y. Khatod
	Personalised bacteriophage therapy to treat multidrug-resistant biliary tract Pseudomonas aeruginosa infection	N. Li
	Human infections caused by Shewanella algae producing natural carbapenemase OXA-964: a 4 cases series	L. Dortet
	A mysterious chest pain	E. Patrese
	Eggerthella lenta causing bacteraemia in a university hospital of Spain	D. Fernández Vecilla
	Mediastinal melioid lymphadenitis: a diagnostic challenge	M. Howes
	The alternative low-cost approach to combating PDR Gram-negative infections of war injuries in Ukraine using a combination of azithromycin-meropenem	O. Moshynets
	Musculoskeletal involvement in leprosy misdiagnosed as rheumatoid arthritis	M. Chaudhary
	Clinical dilemma: to treat or not to treat the mother in a case of early onset neonatal invasive Neisseria meningitidis serogroup Y infection	C. Mulrooney
	Surviving a deadly prick: a case of tetanus infection treated successfully in a resource-limited institution	E. Espinosa
	Escherichia coli plasmidic AmpC production: "I just can't get enough"	T. Semenzin
	Subcutaneous antibiotic: "I've got you under my skin"	L. Montanari

Escherichia coli and plasmidic AmpC production: "I Just Can't Get Enough"	T. Semenzin
Neonatal pericardial effusion due to Escherichia coli sepsis	N. Missaoui
Rifampicin, ciprofloxacin, and carbapenem combination therapy for hypervirulent Klebsiella pneumoniae: induced liver abscess with metastatic infection	V. Shanbhag
Pulmonary nocardiosis masquerading as a lung mass	N.-M. Abdul-Haqu
Extragenital infection by Neisseria gonorrhoeae	L. Tejedor Cantero
A challenging case of leprosy complicated by severe type 1 immune reaction.	A. Al Messabi
The return of forgotten diseases	C. Loboda
Extensively drug-resistant Haemophilus parainfluenzae in a patient from preexposure prophylaxis program	M. Garreta Esteban
Uncommon presentation of cellulitis: a case report of Klebsiella pneumoniae-induced thoracic anterior wall infection	A.-P. Brito
Fatal infection caused by cutaneous toxigenic Corynebacterium ulcerans with extensive soft tissue involvement and late-onset toxic myocarditis	P.-M. Keller
Challenges in Pseudomonas aeruginosa infective endocarditis: insights from case series on resistance, clinical manifestations, and treatment outcomes	A. Ravindra
Severe pneumonia caused by Legionella longbeachae: an underdiagnosed infection leading to critical care admission	V. Fleming
An illustrative case series of complex and challenging left ventricular assist device infections	N. Wickramasinghe
Invasive Streptococcus infection: a diagnostic dilemma	S. Abasaeed Elhag
A rare encounter: Listeria monocytogenes and brain abscess	I. Khanum
Successful clinical and microbiological resolution of carbapenem-resistant Acinetobacter baumannii in a central nervous system infection in an oncological patient	O.-N. Encinas Sejas
Tracheobronchitis caused by Mycoplasma hominis in a polytraumatised patient, a finding with clinical repercussions	L. Simonato Altoe
Corneal abscess due to Mycobacterium abscessus	M.-A. Asencio
Hemophagocytic lymph histiocytosis: a fatal complication of rickettsial infection	K. Bisht
Streptococcus equi sp. zooepidemicus meningoencephalitis: an emerging microorganism in northeastern Brazil	L.-A.-B. Gadelha Farias
Whipple disease posing as ear-nose-throat malignancy: a diagnostic challenge	A. Stanciu
Intrigue in the isles: investigating the first presumed indigenous case of tularaemia in the United Kingdom	I. Halim
A case of brain abscess due to Capnocytophaga Sputigena	Ö. Sarbat
Disseminated Mycobacterium abscessus infection	H. Abid
Disseminated Coccidioidomycosis in a patient with HIV	M.-L. Gurruchaga Yanes
Primary pyogenic ventriculitis caused by Neisseria meningitidis Serogroup Y	G.-F. Kelly
Precision therapy at its the best: Escherichia coli empyema successfully treated with bacteriophage therapy	H. Sinclair
From scalp to spine: an interesting case of cutaneous actinomycoses leading to brain invasion	N. Lodha
Mycoplasma hominis and two severe clinical presentations	L. Huyveneers
Acute myocarditis following Campylobacter jejuni enterocolitis: a rare but potentially severe sequelae	A. Von Braun
Bacteriophage therapy for extensively drug-resistant Klebsiella aerogenes infection due to necrotising pancreatitis demonstrating in vivo bacterial and phage coevolution and phage resistance.	H.-A. Sinclair
Meningococcal pneumonia: diagnosis by blood culture	N. González Espinosa
Vancomycin variable Enterococci (VVE) responsible for two cases of severe bloodstream infections in immunocompromised patients colonised with vancomycin resistance Enterococcus faecium (VRE)	A. Dessilani
Native valve endocarditis caused by coagulase negative Staphylococcus kloosii	A.-M. Dolan
Ceftazidime-related neurotoxicity: what is the ceiling?	D. Vanneste
Hypervirulent Klebsiella pneumoniae (HvKp) strains in a teaching hospital	D. Fernández Vecilla
A fatal case of septic shock caused by Vibrio cholerae non-O1/O139 in patient with diffuse lymphoma B cells in Italy	F. Guida Marascia
A fatal case of Catabacter hongkongensis	N. Almaghlouth
An outbreak of Streptococcus equi infection in Italy: clinical features	S. Coladonato
Mom, my knee hurts! Lyme disease arthritis	M.-L. Gurruchaga Yanes
Melioidosis in northern Luzon, Philippines: a case series	K.-J. Compelio
Uncommon presentation of cutaneous botryomycosis in an immunocompetent patient	S. Nanda
The valve was the key: the importance of microbiology techniques	M.-D.-M. Arenas Miras
Murine typhus triggering haemophagocytic lymphohistiocytosis in an immunocompromised host	N. Power
Multifocal actinomycosis in a penicillin-allergic patient	R. Ryan
Undifferentiated fever: a diagnostic odyssey	C. Marcelo Calvo
Crossing the diagnostic gap	A. Lana

	Ureaplasma spp. peritonitis resulting in hyperammonemia and coma in a heart transplant patient following intrauterine device removal: a case report	M. Driedger
12:00 - 13:30		Poster Area
12c. Fungal infections		
	Central line-associated Cyberlindnera fabianii fungemia: an emerging fungal pathogen	G. A. Ali
	<i>Aspergillus</i> endocarditis in an immunocompetent host	W. Huang
	Disseminated sporotrichosis in a healthy elderly	P. Anugoolgarn
	COVID-19 pneumonitis and reactivation of an endemic mycoses	C. Jones
	Navigating the maze: A 52-year-old man with brain abscess	S. Nagarakanti
	Clinical presentation and management of concurrent infection with Talaromyces marneffe, Cryptococcus neoformans, and nocardiosis in AIDS patient	L. Srikham
	Diffuse fibrosing mediastinitis with predominant cardiac involvement due to Aspergillus in an immunocompetent patient	S. Sasi
	Lips don't lie: a curious case of facial swelling in a child	S. Chowdhury
	Paracoccidioidomycosis with dramatic skin manifestations	A. Rehman
	Scedosporium apiospermum peritonitis in patient with continuous ambulatory peritoneal dialysis: a first case report in Thailand	N. Nitinai
	Successful treatment of severe pulmonary mucormycosis presenting with left lung consolidation and endobronchial obstruction	C. Cai
	Cryptococcal myelitis in an immunocompetent patient	Q.-J. Batucan
	Severe musculoskeletal manifestations of lower extremity coccidioidomycosis: a case series	W. Estes
	Candida meningitis and sepsis in an immunocompromised patient with a complication of cerebral sinus venous thrombosis	M. Ogenskask
	Gastrointestinal basidiobolomycosis, a rare fungal infection: challenging to diagnose yet treatable	H. Kamali Sarvestani
	Human skin infection from Trichophyton verrucosum: a case report presentation	G. Vroni
	Uncommon Neosartorya hiratsukae fungus as a causative agent of endophthalmitis	C. Mateo León
	Two case reports of disseminated cryptococcosis in patients with anti-granulocyte-macrophage colony-stimulating factor autoantibodies	S. Watcharasuwanseree
	Aspergillus endocarditis in a patient with chronic lymphocytic leukemia	L. Mezzadri
	FDG WBC scan as a diagnostic method in a patient with an equivocal recurrence of pulmonary aspergillosis: a case report	M. Salehi
	Enhancing patient care through molecular fungal diagnostics: two clinical cases in the UAE	A.-A. Ghazawi
	Tinea corporis caused by a rare, dysgonic strain of Microsporum canis: a case report	A. Sergounioti
	Meningitis as a complication of progressive disseminated histoplasmosis	O. Chinch
	Safety of prolonged use of rezafungin in two difficult-to-treat azole-resistant Candida tropicalis infections in Lecco hospital, Italy	V. Morena
	Mixed sinus and subcutaneous phaeohyphomycosis in a lung transplant recipient	I. Ramirez
	Mixed invasive pulmonary aspergillosis and mucormycosis in prospective format in (non)neutropaenic patients: two cases of early diagnosis with non-invasive sampling	R. Dobias
	Chorioamnionitis by Candida spp: a decade of cases in a tertiary hospital	P. Suarez-Urquiza
	Subcutaneous zygomycosis in an immunocompetent child	D. Nandakumar
	Report of the first case of disseminated lomentosporiosis in Singapore	G. Goh
	Rapidly progressive fungal infection in a seemingly immunocompetent patient, a diagnostic conundrum	S. Nanda
	Treatment of chronic pulmonary aspergillosis with isavuconazole: an indication to perform routine TDM?	D. Lusetti
	TDM-guided isavuconazole treatment for cerebro-pulmonary aspergillosis in severe liver impairment	R. Ungaro
	Early confirmation of a severe candidaemia caused by Candida albicans in a critical ill patient due to next-generation sequencing results	S. Decker
	Disseminated cryptococcal infection by Cryptococcus gattii in an immunocompetent host presenting with a pulmonary mass and headache	T. Netto
	Aspergillus sydowii endocarditis in a patient with a history of drug abuse: a case report	A. Giaccone
	Failure of Vitek2 equipment in the identification of Hanseniaspora, a rare yeast of doubtful pathogenicity: report of two cases	A. Jimbo Zapata
	Cryptococcal meningitis in Timor-Leste: a case series	L.-F. Toto
	Aspergillus endocarditis: a rare presentation of invasive aspergillosis	F. Muhammad Ilyas

	Interdisciplinary and multimodal seamless cooperation successfully cured one case of hemoptysis pulmonary mucormycosis	Y. Liu
	Subcutaneous phaeohyphomycosis caused by an emerging fungus Parathyridaria percutanea in an immunocompetent host: a first case from central India	G. Patil
	Uncommon presentation of cutaneous Basidiobolomyces: a mimicry of Mucormycosis	T. Kanagiri
	Aspergillus fumigatus: a rare postoperative peritonitis case report	M.-A. Bovy
	A case of PUO in immunocompetent person-time to consider commonly missed uncommon agent	H. Patel
	Cryptococcal meningoencephalitis in a multiple sclerosis patient receiving fingolimod	N.-M. Abdul-Haqu
	Clival canal defect causing recurrent meningitis and Aspergillus fumigatus brainstem abscess in an immunocompetent child	J. Hatcher
	Cryptococcal osteomyelitis manifesting in a leprosy patient: an incidental detection	S. Sarathi
	Mucorales PCR in blood for early and non-invasive diagnosis of mucormycosis: a confronting case-series	R. Aerts
	Trichophyton rubrum-induced majocchi's granuloma in an immunocompetent individual mimicking fish tank granulomatous disease	M. Arias
	A difficult diagnosis: concomitant antisyntetase syndrome and coccidioidomycosis infection	D. Erdmenger
	An atypical case of cutaneous mucormycosis caused by Saksenaea sp. in an immunocompetent patient	D.-A. Suarez Silva
	Successful management of chronic pulmonary mucormycosis with multi-facet diagnosis and non-surgical therapy: a case series	Y. Qian
	A cryptic conundrum	K. Malur
	Direct identification of Cladophialophora bantiana by sequencing from a cerebral biopsy specimen	J. Sevestre
	Metagenomic next-generation sequencing promotes the diagnosis of Rhizomucor pusillus infection	X. Zhou
	Osteomyelitis of the skull caused by Apophysomyces variabilis in an immunocompetent patient after a road-traffic accident in Ghana	M.-A. Rehnfeldt
	Pneumocystis pneumonia and pulmonary tuberculosis coinfection in an HIV-seronegative older patient	B. Riadh

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12:00 - 13:30	Poster Area
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12d. Parasitic infections	
Refractory inflammatory bowel disease: <i>Entamoeba histolytica</i> , the forgotten suspect	C. Dominic
Challenges in screening for <i>Strongyloides</i> : a case of delayed detection	C. Trottier
Multiple episodes of <i>Plasmodium malariae</i> despite antimalarial treatment: “quartana te teneat”?	F. Salari
Unusual presentation of fever and gastrointestinal symptoms in a traveller returning from Nigeria: A case report	A. Boté Casamitjana
Chronic diarrhoea and failure of oral therapy: treatment of strongyloides hyperinfection with subcutaneous ivermectin in an immunocompromised patient	P. Conlon
Non-surgical exceptional management of inoperable vertebral hydatidosis with radiotherapy and nitazoxanide	M.-F. Ramirez Hidalgo
Concomitant parenchymal, subarachnoid, and ventricular neurocysticercosis: a case report with a three-year follow-up	M.-L. Giancola
Swimming with buffaloes: a case of recurrent nasal polyps	Y.-Y.-C. Chen
Strongyloides hyperinfection associated with <i>Escherichia coli</i> bacteremia, purulent meningitis and ventriculitis	L. Ceccarelli
Leishmania induced hemophagocytic lymphohistiocytosis (HLH) syndrome in a patient with systemic lupus erythematosus (SLE)	S. Sikdar
Challenging rapid diagnostic test in a rare <i>Plasmodium malariae</i> infection considered as a prozone-like phenomenon	F. Fuchs
Hepatitis C virus (HCV) antibody false positive due to tapeworm infection: a potential new public health concern in HCV diagnosis, a case report	Y. Ainoda
An unexpected case: relapsing laryngeal leishmaniasis in an asthmatic woman in Northern Italy	S. Reato
Myocardial and mediastinal hydatid cysts	R. Lissandrin
A case of neurocysticercosis thought to be glial tumor	E. Ateş
The crucial role of early diagnosis in disseminated toxoplasmosis: urging vigilance in the high-risk allogenic-haematologic-stem-cells (allo-HSCT) population	F. Dellai
Recurrence of visceral leishmaniasis in immunocompromised patients: experience of long-term treatment with miltefosine at Careggi University Hospital	F. Chechi
Leishmaniasis in Türkiye: first report of leishmania aethiopica linfection in a local case of cutaneous leishmaniasis	Ö. Kurt

A case of Echinococcus multilocularis acquired in Ontario	R. Zewude
A tale of two lungs, overcoming challenges in managing a complicated pulmonary hydatid cyst with rupture	S. Nanda
Case series of difficult to treat Giardia intestinalis infections in the immnuocompromised patients seen at the Hospital for Tropical Diseases, London	G. Godbole
Primary amoebic meningoencephalitis in a solid-organ transplant recipient	A.-A. Alexander
Amoebic brain abscess in a tertiary hospital in the Philippines: a case report	M.-A. Sigue
Is artesunate related to pancreatitis? Description of a case report and review of literature and pharmacovigilance databases	A. Almuedo-Riera
A special cause of acute scrotum	S. Hajósi-Kalcakosz
Mucocutaneous leishmaniasis caused by Leishmania infantum in Europe	M.-T. Leibenguth
Unmasking of visceral leishmaniasis in a patient with a haemophagocytic lymphohistiocytosis (HLH) syndrome in an endemic setting	A. Mary Varghese
Autochthonous myiasis in infected ulcers: A case report	L. Tejedor Cantero
Hydatidosis in a university hospital in northern Spain over a 5-year period	D. Fernández Vecilla
NGS-characterised infection with Dibothriocephalus latus after consumption of supermarket sushi, France	M.-G. Robert
Cutaneous leishmaniasis in Brazil diagnosed by a metagenomic approach	A. Doi
Löffler's syndrome due to toxocariasis in male patient	G. Giannetta
Strictures are forever: a case of delayed diagnosis of urogenital schistosomiasis in a patient with obstructive uropathy in a non-endemic setting	E. Doumouliaka
Severe non-falciparum malaria with atypical pulmonary involvement	A.-M. Gutiérrez Baena
An uncommon case of a fleeting rash from Western Rajasthan	V. Tak
Schistosomiasis unveiled: navigating clinical challenges in non-endemic regions	C. Carreras-Abad
One thing is certain on Bamako: everything is uncertain	É.-L. Nagy
Case of Fasciola infection with fever and hepatitis in a chronic lymphocytic leukaemia patient under remission	S. Sekin

12:00 - 13:30	Poster Area
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12e. Other unusual clinical situations	
Disseminated macrolide-resistant Mycobacterium intracellulare infection in a non-HIV paediatric patient: a case report	S. Boonsathorn
Use of next-generation sequencing for assessing and precisely modulating the vaginal microbiome with <i>Lactobacillus crispatus</i>	J. Alexander
"Silent" infective endocarditis (SIE): a new entity, a poor clinical evaluation or an incidental finding?	L.-M. Moltrasio
CMV meningitis and Rhodotorula coinfection in a term infant	C. Gupta
Delayed diagnosis of chronic necrotising granulomatous skin lesions due to TAP2 deficiency	I. Alavi Darazam
Severe falciparum malaria requiring exchange transfusion in a returned traveler	R.-T. Kandikuppa
Rituximab immunosuppression leading to fulminant enteroviruses hepatitis and capsulated bacteria meningitis	M. Maffezzoni
An enigmatic case of unmasking nocardiosis immune reconstitution inflammatory syndrome (IRIS) in AIDS, unveiled after anti-retroviral therapy (HAART) initiation	R. Kumar
Relapsing melioidosis: the hunt for an unusual sanctuary site	S. Woolley
Eosinophilic meningoencephalitis successfully treated with glucocorticoids and intravenous immunoglobulin	S.-H. Ahn
Drug-induced aseptic meningitis: unveiling the role of levamisole	M. Salavei
Successful treatment of pneumonia due to Mycobacterium goodii in a young, severely underweight 45-year-old woman	F. Catania
Nodal T-follicular helper cell lymphoma presenting with inconsistent fever, skin rash, and eosinophilia	J.-S. Kang
Tuberculosis immune reconstitution syndrome (TB-IRIS) recurring eight years after the original diagnosis	O. Skouvig Pedersen
A storm of HHV-8: simultaneous multicentric Castleman's disease and visceral Kaposi sarcoma in a HIV-1 infected patient.	P. Leal
A case of alpha-gal syndrome: focus on the diagnosis and management of an emergent tick-borne disease	M. Abbott
Haemophagocytic lymphohistiocytosis driven by hepato-splenic tuberculosis	A. Alam
Acute generalised exanthematous pustulosis caused by meropenem: an uncommon reaction to a common drug	S. Chandrakar
An atypical and rare case of primary facial palsy caused by Mycoplasma pneumoniae and literature review	A. Rath

Cutaneous tuberculosis presenting as isolated para-articular swellings	S. Jagannath
Management of a patient with multi-resistant HIV infectionstrain undergoingin allogeneic stem cell transplant	Z. Pasquini
Cerebral toxoplasmosis and persistent Enterovirus encephalitis in a woman with thymoma-associated Good's syndrome	F. Waldeck
Surviving the unseen battle: pulmonary mucormycosis and bacterial Infections in post-renal transplant Patient	R. Sarda
12:00 - 13:30	Poster Area
21. New drugs and vaccines	
Immune response to MPXV wanes rapidly after intradermal vaccination with MVA-BN (Jynneos)	K. Sondén
In vitro activity of two aztreonam-based combinations, aztreonam/avibactam and aztreonam/nacubactam against molecularly characterised carbapenemase expressing Enterobacterales collected in India	Y.-D. Bakthavatchalam
SLAMF1 weaken colonization resistance of gut microbiome against carbapenem-resistant Klebsiella pneumoniae	T. Guo-Bao
Toll-like receptor ligand as a potent adjuvant for extracellular vesicle-based vaccines	Y.-R. Kim
Targeted-Antibacterial-Plasmid (TAPs) delivered by RP4 conjugation system specifically kill E.coli ST131 resistant strains carrying bla _{CTX-M-15} in vitro	E. Derollez
Flavone acetic acid can inhibit SARSCoV2 variants and mimicry of human respiratory pacemaker proteins	M. Kumar
A novel compound library screen identifies antibiotics that can be combined with LpxC inhibitors for treatment of Acinetobacter baumannii	B. Cano Castaño
A cocktail of two heavy chain-only antibodies targeting three epitopes spread across the spike protein S1 and S2 subunits that neutralises all SARS-CoV-2 variants tested so far with exceptional potency	V. Bockstal
Immunogenicity and protective efficacy of mRNA vaccine against severe fever thrombocytopenia syndrome (SFTS) virus infection in mice	S.-E. Kim
High specificity of bacteriophages and cocktails against methicillin sensitive and resistant S. aureus (MSSA-MRSA) belonging to clonal complex 8 (CC8)	L. Salazar-Ospina
An in vitro approach for anti-microbial peptide library screening on a high-throughput droplet-based microfluidic platform	E. Cho
Drug repurposing for treatment of Prototheca infections	A. Aliramezani
Serotype coverage of invasive pneumococcal disease with V116 and other vaccines among adults in Canada	M.-C. Meilleur
Triple synergistic action of a novel small molecule adjuvant with gentamicin and daptomycin against MRSA persists	W. Kim
Preclinical efficacy and safety of AIC468: a first-in class antiviral antisense oligonucleotide for the treatment of BKV infection in kidney transplant recipients	P. Lischka
Preclinical development and proteomic and immunogenic analysis of a cytomegalovirus vaccine based on dense bodies produced by epithelial cells	C. Martín Martín
Characterisation of immune response to recombinant varicella-zoster vaccine in people with multiple sclerosis under disease-modifying therapies	F. Dominelli
Inhibition of the outer membrane protein OprF: a novel target to counteract carbapenem resistance in Pseudomonas aeruginosa	N. Helsens
Novel antibiotics: the promise of small molecule iron-inhibitors against multidrug-resistant Gram-negative superbugs	E.-C. Eze
Unveiling the mechanism of action and resistance of novel quaternary phosphonium compound effective against highly drug-resistant Pseudomonas aeruginosa isolates	G.-G. Vargas-Cuebas
Superior immunogenicity of self-amplifying mRNA vs standard mRNA COVID-19 vaccine	Y. Yagi
COSAN boosts colistin's bactericidal power against Gram-negative nosocomial pathogens	A.-C. Gomez Camacho
12:00 - 13:30	Poster Area
22. Clinical trials	
B cell depletion therapy in people with multiple sclerosis impacts on antibody response to COVID-19 mRNA vaccines	M. Shawe-Taylor
Exploring the efficacy of plasma exchange therapy in post-COVID-19 condition: a pilot randomised double-blind trial	S. España-Cueto
Identification of a protective neutralising antibody titre threshold for SARS-CoV-2 enabling rapid antibody development in response to evolving variants	R. Edge

	Pharmacokinetics and safety of the SARS-CoV-2 monoclonal antibody AZD3152 are consistent with those of tixagevimab/cilgavimab	L. Clegg
	Tocilizumab in COVID-19 with significant hypoxia and inflammation does not improve clinical outcomes	E. Feeney
	Impact of ceftriaxone+ sulbactam+ EDTA combination in treatment of metallo beta-lactamase producing Enterobacterales causing complicated urinary tract infections: an open label randomised controlled trial	S. Samantaray
	Divergent performance of bivalent BA.5 and monovalent XBB.1.5 COVID-19 vaccines given as annual booster	M. Shawe-Taylor
	Oral gepotidacin for the treatment of uncomplicated urogenital gonorrhoea: results of a randomised, multicentre Phase 3 trial (EAGLE-1)	J.-D. Ross
	Early treatment with pyronaridine-artesunate reduced time to sustained symptom resolution in patients with mild-to-moderate COVID-19 not requiring supplemental oxygen	J.-Y. Song
	Oral sulopenem/probenecid for uncomplicated urinary tract infections (uUTI): results from the REASSURE trial	K. Gupta
	Repurposing Clofazimine as a part of first line anti-TB regimen in order to shorten the overall duration of treatment in patients with drug susceptible pulmonary TB - CORTAIL Study	N. Shafiq
	A nationwide randomised trial to confirm effectiveness of electronically delivered nudges in increasing influenza vaccination uptake among older adults: the NUDGE-FLU-2 trial	N.-D. Johansen
	A nationwide randomised trial of electronically delivered nudges to increase influenza vaccination uptake among young and middle-aged adults with chronic disease: NUDGE-FLU-CHRONIC	N.-D. Johansen
	Open-label study to evaluate the safety and immunogenicity of an XBB.1.5 (Omicron subvariant) CoV-2 rS vaccine booster in previously mRNA COVID-19 vaccinated participants	V. Shinde
	Cytomegalovirus (CMV) immunoguided prevention clinical trial in CMV-seropositive lung transplant recipients	E. Ruiz Arabí
	Effectiveness of one dose of MVA-BN vaccine against mpox: a multicountry target trial emulation study	C. Suñer
	A novel human co-infection model of <i>Streptococcus pneumoniae</i> and respiratory syncytial virus: initial safety results of the RESPECCT study	S. Brito Mutunayagam
	Mid-season 2023-2024 influenza vaccine effectiveness in children and elderly: a register-based cohort analysis, Finland	H.-M. Nohynek
	Short-course aminoglycosides as adjunctive treatment in adults with sepsis: a cluster randomised trial	E. Koekenbier
	Intravenous brincidofovir rapidly clears adenoviremia in immunocompromised patients: interim results from Phase 2a ATHENA study	G. Papanicolaou
	Clinical impact of laboratory stewardship intervention for plasma metagenomic next-generation sequencing infectious disease testing in a multi-centre paediatric hospital system	D. Niles
	Self-replicating RNA vaccine: significantly improved <i>de novo</i> immune protection, safety against rabies in healthy volunteers	Z. Goldberg
	Effect of a community-based behavioural intervention bundle to improve antibiotic use, quality of primary care, and household infection prevention/control in rural Burkina Faso and DR Congo: preliminary analysis of a cluster controlled trial	B. Ingelbeen
	Immunogenicity and reactogenicity of fractional vs full booster doses of COVID-19 vaccines: a non-inferiority, randomised, double-blind, Phase 4 clinical trial in Brazil	J. Croda
	Continuation vs temporary interruption of immunomodulatory agents during infections: preliminary results of a randomised controlled trial in patients with inflammatory rheumatic diseases	M.-A.-A. Opdam
	ADVANCED trial: a clinical trial on dried blood spot samples and venepuncture plasma samples for monitoring vancomycin and creatinine simultaneously in trauma and orthopedic adult patients	M. Hassanzai
	Olgotrelvir as a standalone treatment for non-hospitalised COVID-19 patients: a Phase 3, double-blind, randomised, placebo-controlled trial	X. Xu
	Adjuvanted recombinant zoster vaccine (RZV) is the first vaccine to provide durable protection against herpes zoster (HZ) in all age ranges >=50 years: final analysis of efficacy and safety after 11 years (Y) of follow-up	A. Strezova
	Boosted antibody responses after sequential vaccination with PCV13 and PPSV23 in patients with moderate to severe plaque psoriasis under immunosuppressive therapy: a prospective trial	L. Van De Sand
	Prolonged awake prone positioning vs usual care for non-intubated patients with COVID-19-related acute respiratory failure: a multicentre, randomised controlled trial	L. Liu
	Modelling the impact of the Autumn 2022 and Spring 2023 COVID-19 booster vaccine campaigns in the UK	C. Harrison
	Ivermectin therapy for young children aged <5 years with scabies infection	A. Gwee
	IgG subclass switch in volunteers repeatedly immunised with the full-length <i>Plasmodium falciparum</i> merozoite surface protein 1 (MSP1)	V. Rathay

12:00 - 13:30

Poster Area

23. New and emerging pathogens

Identification of two new species of the family *Silvanigrellaceae* and study of

P. Tang

12:00 - 13:30		Poster Area
24. Outbreaks and public health emergencies		
	Genomic characterisation of a <i>bla</i> _{OXA-244} -producing <i>Escherichia coli</i> ST648 outbreak in Irish hospitals 2023-2024	L.-P. Burke
	Contribution of laboratories during a measles epidemic among vaccinated adolescents	J. Dina
	The prevalence of antimicrobial resistance among the wounded in Ukraine makes it impossible to prescribe effective empiric antibiotic therapy	M. Panasiuk
	Ongoing low-intensity outbreak of hepatitis A virus among men who have sex with men in Italy with molecular links to sub-genotype 1B epidemic strain in 2022 in Hungary	S. Caucci
	Emergence of a <i>Klebsiella pneumoniae</i> ST307 clone carrying an IncFBI plasmid with <i>bla</i> _{CTX-M-15} and <i>bla</i> _{OXA-1} : a One Health concern	A. Gales
	Protective effect of influenza vaccination among children in Hong Kong, 2022-23 season	C.-W. Leung
	Genomic surveillance of an outbreak of <i>Legionella pneumophila</i> in Galicia, 2023	S. Perez-Castro
	First Austrian mpox breakthrough infection after full vaccination course	J. Pongracz
	Wastewater surveillance detects echovirus 11 lineage 1 introduction in Sicily	D. Pistoia
	Clonal dissemination of methicillin-resistant <i>Staphylococcus saprophyticus</i> and <i>Staphylococcus haemolyticus</i> among different sheep farms: an emerging threat to animal and public health	C. Belhout
	Measles strikes back: up-to-the-minute updates from surveillance activities	S. Bianchi
	Multi-country outbreak of multi-drug resistant <i>Campylobacter coli</i> ST-10042 strain (2018-2023)	M. Oleastro
	First genomic description of pig-to-pig transmission of an emerging and extensively drug-resistant <i>Staphylococcus borealis</i> in Spain	I.-N. Abdullahi
	Indirect interhuman transmission of <i>Mycobacterium abscessus</i> subsp. <i>massiliense</i> among non-cystic fibrosis patients at a pediatric hospital in Japan	S. Yoshida
	Pertussis epidemic in 2023-2024, region of Vallès (Catalonia, Spain)	E. Borràs Lopez
	Feasibility of point-of-care multiplex RT-PCR testing at airport for acute respiratory tract infection among Thai repatriate workers from Israel, Thailand, October & December 2023	A. Manopirom
	Epidemiological aspects of current measles outbreak in Romania	D. Mangaloiu
	Point of entry screening for cutaneous leishmaniasis among Thai repatriate workers from Israel, Thailand, October & December 2023	L. Wongkaew
	Tracking two-way human-mink transmission during an outbreak of severe acute respiratory syndrome coronavirus 2 on a farm in Bulgaria	I. Trifonova
	Aircraft lavatory wastewater surveillance for SARS-CoV-2 and other coronaviruses by using family-wide PCR, Thailand, October & November 2023	R. Buathong
	A large outbreak of acute hemorrhagic conjunctivitis in Hainan, China in 2023	D. Yan
	Development of a small animal model for aerosolised Ebola virus	A. Nalca
12:15 - 13:15		Arena 1
AMS: a team sport involving all health professionals		Chair O.-N. Mbamalu
Classically, medical professionals and pharmacists perform antimicrobial stewardship activities, notably in hospital settings. However, other characters may play an important role, meaning microbiologists and nursing staff. The aim of this session is to increase awareness of the benefits of such robust multidisciplinary involvement in AMS, with a special focus on nurses. We aim to showcase international best practices and interventions involving health professionals such as nurses, community health workers and laboratory personnel in AMS and to discuss current gaps, challenges and opportunities in the participation and leadership in antimicrobial stewardship.		
12:15	Rational microbiological diagnostics for AMS	B. Skodvin
12:30	Programmatic and economic evaluation of community health workers' involvement in antimicrobial stewardship	M.-C. Padoveze
12:45	Embedding antimicrobial stewardship in integrated community case management programmes	S. Sangkaew
12:15 - 13:15		Arena 3
Race against resistance: safeguarding the antibiotic pipeline and future of patient care		Chair H. Skinner

This Open Forum will explore the clinical and scientific challenges presented by AMR, as told by patients, clinicians and scientists from around the world. It will include a screening of Race Against Resistance, a short film produced by BBC Storyworks.

12:15	Film screening: race against resistance	
12:50	The critical role of antimicrobials in healthcare delivery	M. Bassetti
12:15 - 13:15		Fireplace area
Fireplace: Viral infections in stem cell transplantation: a lifetime journey		Chairs M. Akova M. Slavin
		P. Ljungman
12:15 - 13:15		Hall P
Influenza: everyone has something to lose The main objective of the symposium is to examine declining influenza immunization rates within the context of vaccine hesitancy and apathy. This includes a review of the global burden of influenza on healthcare and society, with a focus on the consequences of seasonal epidemics in both high-risk groups and the general population. These impacts include not only possible long-term sequelae and missed work or school in the event of an influenza infection, but also potential increased strain on the healthcare system, transmission to vulnerable populations and potential negative implications on antibiotic stewardship. Despite vaccination being a key element to address this burden of disease, influenza immunization rates have declined in recent years. Acknowledging the urgency of the situation, this symposium seeks to confront vaccine hesitancy and apathy, especially in the post-COVID-19 pandemic context, to encourage discussion regarding ways to address declining influenza vaccination rates.		Chair E. Polverino ESCMID-appointed chair H.-M. Nohynek
12:15	Welcome and Introduction	E. Polverino H.-M. Nohynek
12:18	Influenza: beyond the obvious burden	A. Osterhaus
12:38	Vaccine uptake, hesitancy and apathy: how can we do better?	G. Kassianos
13:03	Panel Discussion and Q&A	E. Polverino H.-M. Nohynek
13:13	Conclusions and Close	E. Polverino H.-M. Nohynek
13:30 - 14:30		Arena 1
What's in the air?		Reserve chair
13:30	The environment bacteria and microbiome pre- and post- air disinfection in an ICU	Y. Zhang
13:36	CHRONOlight: biodynamic luminaire for multiresistant pathogens neutralisation	P. Perez Palacios
13:42	Bio-burden assessment of indoor air in selected areas of three hospitals in the central province	P.-A.-S.-R. Paththamperuma
13:48	IMADGENN: the dispersal of respiratory particles differs with individual, activity and mitigation strategy	G. Moore
13:54	Antimicrobial activity of a far UV lamp (222 nm) within an enclosed chamber	N. Atac
14:00	Genome sequencing confirms parainfluenza type 4 outbreak in a London hospital and detects four co-circulating subtypes.	J. Bible
14:06	Indoor air sampling is a sensitive indicator for the presence of individuals infected with respiratory pathogens	C. Geenen
14:12	Estimating the transmission dynamics of Omicron VOCs in Shenzhen following the adjustment of zero-COVID policy	Y. Li
14:18	Extensive increases of the respiratory bacterial load within 24h of intubation and ventilation in an experimental pig model.	B. Spellerberg
13:30 - 14:30		Arena 3
Advances in drug resistance testing		Chair A. Hamprecht
13:30	Assessing the performance of a new real-time PCR platform in the rapid identification of Gram-negative resistance genes from blood cultures	V. Seija

13:36	Detection of carbapenemase-producing <i>Klebsiella pneumoniae</i> using MALDI-TOF mass spectrometry and application of machine learning models	M. Sánchez Cueto
13:42	A novel phenotypic assay for rapid antibiotic susceptibility testing direct on patient urine samples with high diagnostic accuracy	A. Van Der Linden
13:48	Antimicrobial susceptibility testing for OXA-48-like carbapenemase detection: a comparative study	C. Cimen Van Dijck
13:54	Rapid detection of imipenem/relebactam susceptibility/resistance in <i>Pseudomonas aeruginosa</i>	M. Bouvier
14:00	A rapid and high performing antibiotic susceptibility test for meropenem based on bacterial nanomotions	M. Pla Verge
14:06	Enhancing infection diagnostic accuracy and antimicrobial resistance profiling in cirrhosis patients: a clinical metagenomics approach for positive blood culture samples	M. Mohamad
14:12	BenchAMRking: an accessible user-friendly platform for improving antimicrobial resistance gene prediction	N. Strepis
14:18	Long-read sequencing: linking bacteria and antibiotic resistance genes in polybacterial samples	H.-V. Aamot

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13:30 - 14:30		Hall J
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The "eyes" have it!		Chair R. Murri Reserve chair
13:30	Rare case of endogenous endophthalmitis caused by <i>Borrelia garinii</i> : a unique ocular manifestation	R. Kardashi
13:30	Herpetic retinitis as an unmasker of occult non-advanced HIV infection	A. Díaz-De Santiago
13:30	Non-tuberculous <i>Mycobacterium</i> necrotising keratitis: the first case report of <i>Mycobacterium haemophilum</i> infection in a virgin cornea from Southeast Asia	P. Mingchay
13:30	A rare presentation of post cataract endophthalmitis with <i>Schizophyllum commune</i>	A. Pilli
13:30	Severe ocular mpox in person living with advanced HIV treated with extended course of tecovirimat	L. Brown

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13:30 - 14:30		Hall K
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Cases going viral		Chair G. Özkaya Sahin Reserve chair
13:30	What happened to his liver?	H. Azulay
13:30	HTLV-1 Infection Causing Adult T-Cell Lymphoma	T.-D. Ramsamy
13:30	Successful BK virus-specific T cells therapy in a kidney transplant recipient with progressive multifocal leukoencephalopathy	A. Sempere
13:30	KSHV inflammatory cytokine syndrome and KSHV associated multicentric Castleman disease in an HIV-infected patient: a clinical continuum?	A. Liparoti
13:30	Pericardial effusion in an immunosuppressed patient, a "common" agent	C. Acosta

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13:30 - 14:30		Hall P
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Infective endocarditis in clinical practice		Chair N. Fernandez-Hidalgo Invited chair
13:30	Evaluation of the 2023 Duke ESC, Duke criteria among patients with suspected infective endocarditis	M. Papadimitriou Oliveris
13:42	Is persistent bacteraemia/candidaemia associated with infective endocarditis? A cohort study of patients with suspected infective endocarditis	A. Teixeira Antunes
13:54	Time to blood culture positivity is associated with infective endocarditis in <i>Staphylococcus aureus</i> bacteraemia	M. Strömdahl
14:06	Should early prosthetic valve infective endocarditis be considered as a surgical indication per se?	D. Alonso-Menchén
14:18	Impact of silent central nervous system embolisms in patients with infective endocarditis	M.-T. Pérez-Rodríguez

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13:30 - 15:30		Hall B
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Multidisciplinary teams for selecting antimicrobial therapy for		Chairs
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bone and joint infections: the key for success		B. Koch M. Zeitlinger
Bone and joint infections are one of the most difficult-to-treat infections due to the difficulty of antimicrobials for reaching the infection site and the ability of some pathogens, such as <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i>, to create biofilms in which the classical PKPD targets may not be appropriate due to a decreased susceptibility of these bacteria. The selection of the best therapy may be difficult because of drug interactions, variability in the drugs PK and toxicities after prolonged treatment. Recently, new treatment strategies such as the use local antibiotics and a reduction of the length of intravenous treatment have been suggested. This session will focus on the difficulties for the selection of an individual treatment showing the need to work in multidisciplinary teams to make decisions considering different clinical, microbiological and PKPD factors.		
13:30	Selection of an appropriate treatment for bone and joint infections in real patients: a puzzle of controversies	J. Gomez Junyent
14:00	What do we need from a microbiologist? The MIC or the MBIC: new information about PK/PD in biofilms	C. Moser
14:30	The role of a clinical pharmacist in antibiotic treatment individualisation of special populations	I. Spriet
15:00	Long-term suppressive antimicrobial treatments for BJI: the risk of toxicity and development of resistance	P. Sendi
13:30 - 15:30		Hall D
Practical implications of the EU <i>in vitro</i> diagnostic medical device regulation for clinical microbiology		Chairs E. Cambau T. Vognbjerg Sydenham
The European Union <i>in vitro</i> device regulation (IVDR) imposes new requirements for clinical diagnostic labs. For clinical microbiology, being conformed to the IVDR represents a challenge in certain areas of the lab. In this Educational Session, experienced scientist and staff from clinical microbiology labs will share their knowledge in implementation of the IVDR. We highlight the role of the scientific societies in formulating guidelines where there are no clear answers in the regulation.		
13:30	Post-marketing surveillance EQA/PT per EU IVDR to improve diagnostic proficiency of laboratories	H. Zeichhardt
14:00	How to interpretate IVDR for culture-based diagnostic methods	P. Vermeersch
14:30	Experience from production of in house IVDs according to IVDR	A. Resar
15:00	Into the unknown: formulating society guidelines for interpreting and implementing IVDR in clinical microbiology laboratories	H. Eriksen
13:30 - 15:30		Hall E
Elimination of viral hepatitis: a puzzle still to be solved		Chairs M. Maticic M.-U. Mondelli
How close are we to viral hepatitis elimination in 2024? Recent data suggest that, despite significant progress over the past 5 years, WHO 2030 targets seem hard to reach with 90% and 80% of HBV and HCV infections remaining undiagnosed, respectively. It is crucial to know what new achievements have been made and what are the remaining challenges, including hepatitis caused by the less studied hepatitis E virus. Besides, monitoring of viral hepatitis elimination data across Europe has been empowered to yield more productive results for directing the countries' strategies and goals. The session will examine whether research outcomes and practical guidelines have been adequately translated into public health policy and practice to meet the 2030 elimination goals and focus on how to implement programs that increase the number of people accessing diagnosis and linkage-to-care.		
13:30	Viral hepatitis elimination in 2024: have we moved forward?	E. Duffell
14:00	Use of simplified approaches for screening and diagnosis of HCV, HBV and HDV infections	S. Ruta
14:30	The best we can do with the treatments we have: is it enough to eliminate HCV, HBV, HDV?	A. Vince
15:00	Hepatitis E in vulnerable populations	Z. Said
13:30 - 15:30		Hall F
Primer on infection prevention and control of multidrug-resistant Gram-negative bacilli		Chairs G. Birgand S.-J. Harbarth
In this Educational Session, speakers will cover main tasks of infection prevention and control and their current state-of-the art for all professionals interested in the clinical routine work of infection control. The session will explore the role of environmental contamination and how to investigate the role of environment in epidemic or endemic setting for multidrug-resistant Gram-negative bacilli. The state of the art of treatment, prophylaxis and decolonisation strategies will also be addressed. Current concepts and leverages, e.g., the shortage of antimicrobials will be included. Changes and development in the last years will be addressed and share the principles and rationales of IPC. Cultural and psychological		

aspects that hinder IPC measures implementation in specific settings will be also explored.		
13:30	When to add an environmental contamination investigation: outbreaks and endemic situations	L. Lopez Cerero
14:00	Treatment, prophylaxis and decolonisation of MDRGN carriers	E. Carrara
14:30	Tailoring infection prevention strategies to cultural realities	M.-A. Borg
15:00	New infection prevention and control strategies	N.-T. Mutters
13:30 - 15:30		Hall G
Staphylococcus aureus: from bench to bedside		Chairs A. Norrby-Teglund A. Zinkernagel
Staphylococcus aureus one of the leading bacterial infections and cause of death in most countries worldwide. Staphylococcal species are part of the healthy microbiota but can also cause a variety of opportunistic infections. This session will focus on new insight into S. aureus biology and interactions with resident microbiota, which shapes the pathogenic potential of the species. The ability of S. aureus to invade and survive within different host cells, leading to chronic or recurrent infections will be also explored. Finally, novel data from clinical trials on new and non-conventional approaches for S. aureus infections will be presented. Understanding S. aureus in defined environments allows us to understand pathogenesis in detail, for better translation to the clinical setting and improve treatment in the future.		
13:30	New insights into S. aureus biology	A. Peschel
14:00	Unravelling S.aureus intracellular lifestyles by phenotypic profiling	A. Eulalio
14:30	Interactions of S. aureus with the immune system	N. Van Sorge
15:00	Clinical trials of new and non-conventional approaches for S. aureus infections	S. Tong
13:30 - 15:30		Hall H
Tuberculosis: pathology, surveillance and drug resistance		Chair D. Goletti Reserve chair
13:30	Structural and metabolic characterisation of pre-clinical tuberculosis infection phenotypes using positron emission tomography–computed tomography	J.-W. Kim
13:42	Positioning of rapid PCR test for detection of drug resistance into tuberculosis diagnostic management	C. Benet
13:54	Monocyte-platelet interactions drive harmful inflammatory responses in pulmonary tuberculosis	D. Kirwan
14:06	Large-scale analysis reveals splicing biomarkers for tuberculosis progression and prognosis	H. Lai
14:18	Mycobacterium tuberculosis genomic epidemiology for tuberculosis surveillance in Australia: a comprehensive observational (2015-2022) and prospective (2023) study	J. Webb
14:30	Frameshift mutations in Rv0678 gene can have a bedaquiline susceptible phenotype by retaining a protein structure and function similar to wild type in Mycobacterium tuberculosis	J. Snobre
14:42	In vitro exposure to BTZ-043 selects for efflux pump mutants, leading to the development of resistance in Mycobacterium tuberculosis against BTZ-043, bedaquiline, and clofazimine	A. Ghodousi
14:54	Nanomotion-based rapid phenotypic approach for the screening of new drugs for the treatment of Mycobacterium tuberculosis: focus on Macozinone	A. Vocat
15:06	Minimal inhibitory concentration of ethionamide alone and in combination with alpibectir on drug-sensitive and drug-resistant clinical isolates of Mycobacterium tuberculosis	M. Pieren
15:18	Comparison of efficacy and safety between experimental regimens for MDR-TB from the endTB clinical trial	L. Guglielmetti
13:30 - 15:30		Hall I
Ill travellers from around the globe: case-based approach		Chairs C. Obiero C. Rothe
SARS-CoV-2 pandemic has shown how easily infectious agents, using travellers as vectors, cross borders. Particularly in the case of severely ill travellers, the question often arises: is this an infectious disease? Does it only occur in a certain geographic region? Are there clinical clues pointing towards less common infectious diseases? In this interactive Educational Session, the speakers will present several cases, with special focus on differential diagnostics for diseases characteristic of the specific geographic area.		
13:30	Destination: Latin America	C. Seas
14:00	Destination: Africa	J. Muñoz
14:30	Destination: Asia	A. Neumayr
15:00	Destination: boreal regions	

13:30 - 15:30		Hall L
Plasticity of bacterial genomes: the wonders of horizontal gene transfer Horizontal gene transfer (HGT) is a powerful tool responsible for efficient spread of antibiotic resistance as well as virulence factors. The traditional mechanisms of HGT represent conjugation, transduction, and transformation. HGT is also driven by reorganization of bacterial genome by insertion sequences, transposons and other genetic elements. For epidemiology of bacterial pathogens, including detection of reservoirs, description of spreads including epidemiological successful mobile genetic elements, it is crucial to understand biology and genetics of HGT. HGT and the genome plasticity also complicate performance and data analysis of WGS-based methods used in molecular epidemiology of several infectious agents, especially Gram-negative bacteria.		Chairs A. Carattoli J. Moran-Gilad
13:30	Mobile genetic elements in bacteria: not only plasmids and transposons	S. Partridge
14:00	Horizontal gene transfer and its role in antibiotic resistance spread	M. Dolejska
14:30	Bioinformatics solutions for plasmid characterisation	G. Bouras
15:00	Challenges of tracing mobile genetic elements with whole genome sequencing	H. Hasman
13:30 - 15:30		Hall M
Rising to the challenge: new approaches to combat fungal infections and improve patient outcomes The urgent need for improving the diagnosis and treatment of fungal infections has been emphasised by the identification of fungal priority pathogens by the WHO. Furthermore, patients with an implant represent a special group, because infections in these ones have specific problems because biofilm development, antifungal treatment problems and the need of implant removal for obtaining a good outcome of the cases. This symposium will address these challenges, discussing how to achieve access to diagnosis, difficult-to-treat implant-associated fungal infections and barriers to treatment using examples such as liposomal amphotericin B and flucytosine. The symposium will also incorporate the patient's perspective, highlighting the importance of a patient-centred approach in the management of fungal infections. This session will provide a unique opportunity to understand the impact of fungal infections on patients' lives and the challenges they face in accessing timely and effective care.		Chairs A. Alastruey-Izquierdo K. Lagrou
13:30	Fungal disease: the view of the patients	R. Purdie
14:00	Access to diagnosis of fungal disease: from the point-of-care to the diagnostic laboratory hub	N. Medina
14:30	Challenges in the treatment of fungal infections in LMICs	N. Govender
15:00	Management of implant-associated fungal infections	G. Vroni
13:30 - 15:30		Hall N
Beyond the label: treatment optimisation in special patient groups This session will explore the challenges and opportunities of antibiotic therapy in children and the elderly, solutions to dosing antibiotic treatments in obese patients, and altered PK/PD of antibiotics in older patients. The first talk will focus on the complexities of treating children with antibiotics and explore the latest advances and opportunities for personalised antibiotic therapy. The second presentation will cover the unique challenges that come with dosing antibiotic treatments in obese patients and discuss innovative solutions to help address these issues. The last two talks will discuss the altered PK/PD of antibiotics in older patients and explore the latest research and emerging treatments to help optimise antibiotic therapy in this patient population. Attendees will come away from this session with a deeper understanding of these complex issues, as well as practical tips and strategies for improving antibiotic dosing and treatment in their own practice.		Chairs S. Wicha I. Zollner-Schwetz
13:30	Tiny patients, big decisions: navigating the challenges and opportunities of personalised antibiotic therapy in children	T. Metsvaht
14:00	Treating obese patients: emerging solutions	M. Pai
14:30	Age ain't just a number: deciphering the altered PK/PD of antibiotics in older patients	P. De Cock
15:00	Administration of antibiotics to elderly: can we make it more elegantly?	C. Roubaud-Baudron