

# 8<sup>th</sup> Edition of International Conference on Infectious Diseases

*Infection 2025 |  
Hybrid Event*

**09-11  
JUNE 2025**

## *Our* OCMs



**RANJAN RAMASAMY**  
IDFISH Technology, United States



**REZA NASSIRI**  
Michigan State University, United States



**FRANCIS J. CASTELLINO**  
University of Notre Dame, United States



**CLAUDIA FERREIRA**  
Biophytis Sorbonne, France



**XIAOYUN ZHAO**  
Tianjin University Chest Hospital, China



**SEKI MASAFUMI**  
Saitama Medical University  
International Medical Center, Japan

## *Scientific* TOPICS

- Infectious Diseases
- Coronavirus Disease (COVID-19)
- Research on Medicine and Vaccine for Covid-19
- Bacterial Infectious Diseases
- Parasitology & Infectious Diseases
- Causes and Symptoms of Infectious Diseases
- Vaccines and Vaccination
- Pediatric Infectious Diseases
- Nosocomial Infections & Control
- Viral Infectious Diseases
- Veterinary Diseases
- Fungal Infectious Diseases
- Tropical Infectious Diseases
- STD and HIV Infection
- Infectious Diseases Prevention, Control and Cure
- Neuro Infectious Diseases

**Contact us:** Email: [infectious@magnusconference.com](mailto:infectious@magnusconference.com)  
**Web:** <https://infectiouscongress.com/>  
**Phone:** +1 (702) 988-2320 | **WhatsApp:** +1 (640) 666 9566



NH Villa Carpegna  
Via Pio IV, 6, 00165 Roma RM, Italy

## Keynote Presentations

**Francis J. Castellino, University of Notre Dame, United States**

Title: The role of the humoral innate immune system in evasion of streptococcus pyogenes infections

**Stephen Hsu, Augusta University, United States**

Title: Novel nanotechnology and its potential applications

**Ranjan Ramasamy, IDFISH Technology, United States**

Title: Global environmental changes and mosquito-borne diseases in coastal areas

**Reza Nassiri, Michigan State University, United States**

Title: The impact of global antibiotic resistance on the healthcare system, public health, environment, and society

**Saurabh Chattopadhyay, University of Kentucky College of Medicine, United States**

Title: Controlling pulmonary inflammation during respiratory virus infection

**Yazdan Mirzanejad, University of British Columbia, Canada**

Title: Anti-IFN- $\gamma$  autoantibody syndrome presenting with disseminated NTM infections: A case series and therapeutic implications and review of literature

**Pio Conti, University of Chieti, Italy**

Title: Role of mast cells in infection and inflammation

**Elena Chiappini, University of Florence, Italy**

Title: Tubercular disease in children: Optimizing treatment strategies through disease insights

**Claudia Ferreira, Biophytis Sorbonne, France**

Title: 2000 years of pandemics: past, present and future

**Xiaoyun Zhao, Tianjin University Chest Hospital, China**

Title: A novel device for preventing ventilator-associated pneumonia in intubated patients

**Seki Masafumi, Saitama Medical University International Medical Center, Japan**

Title: Current topics of adult COVID-19, Influenza, and RS virus patients in Japan

## Oral Presentations

**Dong H Kwon, Long Island University, United States**

Title: Effect of glutathione on antibiotic susceptibility and resistance in bacteria

**Thomas Cirrito, Varro Holdings, Inc., United States**

Title: A platform for rapid, sensitive detection of aerosolized pathogens in exhaled breath and ambient indoor air

## *Tentative Program*

---

**Shree Govani, Kansas City University College of Osteopathic Medicine, United States**

Title: Reactivation of human herpesvirus 6 in an immunocompetent patient with encephalitis: A case report

---

**Nadine Roupheal, The Hope Clinic of Emory University, United States**

Title: Systems vaccinology

---

**Daniela Tirota, Internal Medicine, Morgani Pierantoni Hospital, Forli, Italy**

Title: Tissue-invasive disease and Cytomegalovirus : Cytomegalovirus trigger or killer ? Two cases observed in an internal unit

---

**Emanuela Ruggiero, University of Padova, Italy**

Title: First application of CUT&Tag in bacteria reveals unconventional G-Quadruplex landscape in mycobacterium tuberculosis: A novel defense mechanism against oxidative stress

---

**Pietro Salvatori, Private Practice, Italy**

Title 1: Ethanol inhalation for respiratory infections due to enveloped viruses

Title 2: Positive correlation between heavy alcoholic drinking and SARS-Cov-2 not-infection rate

---

**Romana Moutelikova, Veterinary Research Institute, Czech Republic**

Title: Characterization of porcine rotaviruses in the Czech Republic

---

**Martina Capkova, Czech University of Life Sciences Prague, Czech Republic**

Title: Testing of populations of selected fungal pathogens of cereals for resistance to fungicides

---

**Daniel S. Bednarik, Semmelweis University, Hungary**

Title: Comparative effectiveness of different therapies for Clostridioides difficile infection in adults: A systematic review and network meta-analysis of randomized controlled trials

---

**Lidia Sierpinska, Vincent Pol University, Lublin - Poland**

Title: Liver cancer and cirrhosis as a complication of HCV infection - A case study

---

**Pedro Plans Rubió, College of Physicians of Barcelona, Spain**

Title: What COVID-19 vaccination strategy should be implemented and which vaccines should be used in the post-pandemic era?

---

**Zbigniew Dzialanski, Orebro University, Sweden**

Title: The baseline characteristics of patients with cognitive symptoms after Covid-19 infection - the PASC24 study

---

**Antonella Cardone, Cancer Patients Europe, Belgium**

COVID-19 is not over: The global COVID community council advocates for change to support medically vulnerable populations post-pandemic

---

**Fernando Rubinstein, Instituto de Efectividad Clinica y Sanitaria, Argentina**

Title: Latin America and the Caribbean consortium: Connecting excellence to enhance the skills base of local research teams in emerging infectious diseases

---

**Kurt E. Muller, Dresden International University, Germany**

Title: Loss of Bbalance

---

**Fawzy Abdelatty, Heidelberger Center for Cellular Therapy, Germany**

Title: FawCell, The universal alternative for antibiotics

---

## Tentative Program

---

**Chengjun Jin, Miltenyi Biotec B.V. & Co. KG, Germany**

Title: Advancing biosafety in microbial sorting: A novel approach to containment and contamination prevention

---

**Elizabeth Chernysheva, University of Otago, New Zealand**

Title: Detection of Legionella cell-free DNA in blood for the non-invasive diagnosis of Legionnaires' Disease

---

**Sam Conrad Joyce, SUTD, Singapore**

Title: Correlation between building features and prevalence of Aedes Aegypti mosquitoes in Singapore

---

**Jamshaid Iqbal, Kuwait University, Kuwait**

Title: Cysticercosis/T. solium taeniasis, a potential public health concern in non-endemic country, Kuwait: A new diagnostic method to screen T. solium Taeniasis carriers among the expatriate population

---

**Susu Zughaier, Qatar University, Qatar**

Title: Novel antibiotic adjuvant exerts potent antimicrobial activity against MRSA and synergistically restores colistin activity in MDRO

---

**Alex Christensen, Public Health Wales, United Kingdom**

Title: A case study of a Welsh national handwashing campaign: Lessons learnt from a mass media communication campaign

---

**Orkun Kaymaz, North Middlesex University Hospital, United Kingdom**

Title: The underestimated threat: A review of ocular leptospirosis

---

**Carlo Ferrazzano, The University of Manchester, United Kingdom**

Title: Investigation of the HPV 53 E2 protein as a potential treatment for cervical cancer

---

**Shanees Nazeer, Oxford University Hospitals NHS Foundation Trust, United Kingdom**

Title: Evaluating the diagnosis and management of community-acquired pneumonia in a UK Hospital Trust

---

**Amani Mokbel, Southend Hospital, United Kingdom**

Title: An audit into the time taken between presentation and diagnosis of malaria and adherence to malaria treatment guidelines at Southend University Hospital, UK

---

**Seema Nimer, University of Jordan, Jordan**

Title: Immunization against medically important human coronaviruses of public health concern

---

**Shalini Pooransingh, The University of the West Indies, Trinidad and Tobago**

Title: The changing epidemiology of malaria in Trinidad and Tobago

---

**Furkan Torun, Ege University, Turkey**

Title: Knowledge and attitudes of parents with children aged 0-5 with respect to childhood vaccines

---

**Fatemeh Frashchi, Instituto Oswaldo Cruz (IOC/Fiocruz), Brazil**

Title: Biochemical characterization of surface membrane proteinases in leishmania (viannia) Braziliensis thor strain and subpopulations

---

**Maria Antonieta Quispe Ricalde, Universidad Nacional de San Antonio Abad del Cusco, Peru**

Title: Epidemiological survey with antigenic fragments of Hsp83 and kPCR in population at risk for leishmaniasis.

---

## Tentative Program

---

**Jintang He, Kunming Third People's Hospital, China**

Title: Application of minimally invasive surgical techniques in pericardial and macrovascular diseases associated with infectious diseases

---

**Zhexi Lv, Tianjin University Chest Hospital, China**

Title: A novel device for preventing ventilator associated pneumonia in the intubated patients

---

**Fang Yuan, National Institute of Parasitic Diseases at Chinese Center for Disease Control and Prevention (Chinese Center for Tropical Diseases Research), China**

**Zhang Yi, National Institute of Parasitic Diseases at Chinese Center for Disease Control and Prevention (Chinese Center for Tropical Diseases Research), China**

Title: Co-circulation of Leishmania, Phlebovirus in Kala-azar resurgence area in China

---

**Cheung Yuk Yam, Hong Kong Metropolitan University, Hong Kong**

Title: Universal PCR assays to detect Candida FKS and ERG11 mutations

---

**Siwimol Phoomniyom, The Office of Disease Prevention and Control Region 11, Thailand**

Title: Characterization of virologic-immunologic failure and discordance among new HIV infected adults in the Upper Southern Region of Thailand

---

**Dilip Dubey, Medanta Hospital, India**

Title: Cefepime-Zidebactam: A novel beta-lactam-enhancer mechanism based triple action BCH-DBO antibiotic

---

**Aishwarya Vyas, SMS Medical College, India**

Title: A cohort study of the spectrum of coagulopathy in acute sepsis and its correlation with physiological scores and outcome

---

**Goutham Krishna, Government Medical College, India**

**Danish.E, Government Medical College, India**

Title: Risk factors of mortality and development of a scoring system for predicting mortality among patients with leptospirosis

---

**Ashvini Gupta, Indian Institute of Technology Bombay, India**

Title: Risk of visceral leishmaniasis resurgence in India: A compartmental modelling study

---

**Gaurav Gupta, AIIMS, Jammu, India**

Title: Th1/Th2/Th17 cytokine profile among different stages of COVID-19 infection

---

**Arya S Kumar, Amrita Institute of Medical Sciences & Research Centre, India**

Title 1: IPC capacity building- orientation training for COVID-19 preparedness and IPC for healthcare facilities

Title 2: Reducing caesarean section surgical site infection rate in a tertiary care hospital in India: A quality improvement initiative

---

**Erin Liz John, Aster Medcity Kochi, India**

Title: Disentangling the diagnostic knot: Uncovering subcutaneous panniculitis-like T Cell lymphoma in a presumed case of actinomycosis- A case report

---

**Sibani Sankar Parida, Indian Institute of Science Education and Research Bhopal, India**

Title: Dengue in focus: From epidemiological challenges to breakthroughs in vaccine development

---

## Tentative Program

---

**Manikanda Nesan Sakthivel, South Asia Field Epidemiology and Technology Network (SAFETYNET), India**

Title: Gastroenteritis outbreak among school students due to contaminated recreational water in Kerala, India, 2023

---

**Mridula Singh, IHBAS, India**

Title: Acute-chronic meningoencephalitis: A case series of variegated etiological insights

---

**Aneesh E M, University of Calicut, India**

Title: Molecular insights and genetic diversity of tick vectors in prophesying kysanur forest disease transmission risk in the Western Ghats, Kerala, India

---

**Vaishnavi V Kudva, K S Hegde Medical Academy, India**

Title: Prevalence and characterization of extended-spectrum beta-lactamase-producing antibiotic-resistant escherichia coli and klebsiella pneumoniae in ready-to-eat street foods

---

**Rachna Rohilla, All India Institute of Medical Sciences, India**

Title: Multipronged interventions to reduce surgical site infections: A multicenter implementation research protocol

---

**L. Angelique Gene E. Duran, Research Institute for Tropical Medicine, Philippines**

Title: Mpox in patients seen at the research institute for tropical medicine: A case series

---

**Trisha Marisse F. Montalbo, Research Institute for Tropical Medicine, Philippines**

Title: When standard treatment fails: A case report on clindamycin and azithromycin for toxoplasma encephalitis in HIV

---

**Abraham P. Bayan, Capitol Medical Center, Philippines**

Title: Laparoscopic heller myotomy with anterior fundoplication in an elderly male patient with achalasia and coexisting miliary tuberculosis: A case report

---

**Maria Venice Velasco Atienza, Philippine College of Physicians and Philippine Society of Microbiology and Infectious Diseases, Philippines**

Title: False-negative hiv antibody test results in a patient with advanced hiv disease – related disseminated histoplasmosis

---

**Jose Agustin Carrillo Rodriguez, Mexican Social Security Institute, Mexico**

Title: Antibiotic profile in a second level hospital, in Tepic Nayarit Mexico 2023

---

**Charles Kwobah, Moi University, Kenya**

Title: Aetiology, risk factors and early outcomes of meningoencephalitis in East Africa: The role of multiplex PCR

---

**Nicholas Svitek, International Livestock Research Institute, Kenya**

Title: CRISPR-Cas-powered pen-side diagnostic tests for the early detection of the tick-borne pathogens Theileria parva, Anaplasma marginale and Babesia bigemina

---

**Emiliana Lucas Myovela, Sokoine University of Agriculture, Tanzania, United Republic of**

Title: Assessment of knowledge, attitude and practice regarding human influenza (flu): a case study of the urban population in hospital settings in Dodoma, Tanzania

---

## Poster Presentations

---

**Debra Hawkins, University of Oklahoma, United States**

Title: Enhancing sepsis screening in rural hospitals through quality improvement

---

**Harshini, University of Louisville School of Medicine, United States**

Title: Hidden in plain sight: Asymptomatic fornier's gangrene

---

**Dongming Li, University of Texas Medical Branch, United States**

Title: Invasive bloodstream infection caused by *Magnusiomyces capitatus*: Case report with clinical review

---

**Samendra Sherchan, Morgan State University, United States**

Title: Wastewater surveillance for emerging viruses

---

**Shanmukha Priya Peddireddy, Nuvance Health, United States**

Title: Eastern equine encephalitis: A rare case with minimal drama in brain's theater

---

**Swapna Sirigireddy, Dallas Regional Medical Center, United States**

Title: A rare presentation of spontaneous necrotizing fasciitis of the thoracic wall: A case report

---

**Razan Al Sharkawi, Dalhousie University, Canada**

Title: Malaria mimicker: Babesia on the rise

---

**Simon Berthelot, Université Laval, Canada**

Title 1: A time-driven activity-based costing method to estimate the cost of personal protective equipment use in the emergency department during the COVID-19 pandemic

Title 2: Comparison of the ecological footprint of disposable versus reusable gowns in protecting healthcare providers and patients against the transmission of SARS-CoV-2

---

**Saoirse Coyne, University of Birmingham, United Kingdom**

Title: An exploratory qualitative semi structured interview study exploring acceptability of self sampling testing for blood borne viruses in the South Asian community in the West Midlands in the UK

---

**Hira Ghuman, Imperial College London, United Kingdom**

Title: Effectiveness of surveillance tools in determining drivers of dengue case Incidence and vector density in Gujranwala Pakistan

---

**Jonathan McIntosh, Southern Health and Social Care Trust, United Kingdom**

**Emma Johnston, Northern Ireland Southern Health and Social Care Trust, United Kingdom**

Title : A retrospective review of children and young people with pertussis positive swabs in Southern Health and Social Care Trust from January 2024 to August 2024

---

**Aissar Abou Trabeh, Queen Alexandra Hospital, United Kingdom**

Title: Cytomegalovirus infection in the early phase post renal transplantation: A single centre experience

---

**David Martyn Lloyd-jones, Alfred Health, Australia**

Title: The implementation and outcomes of an Inclusion Health Program to improve the care of people who use substances with invasive infections presenting to a tertiary health service in Melbourne

---

**Anniella Vashti, University of Wollongong, Australia**

Title: Single-site sampling strategy versus multi-site sampling strategy in blood culture collection within the hospital setting: a systematic review

---

## Tentative Program

---

**Chengjun Jin, Miltenyi Biotec B.V. & Co. KG, Germany**

Title: Single-site sampling strategy versus multi-site sampling strategy in blood culture collection within the hospital setting: a systematic review

---

**Fernanda Scopelliti, INMP, Italy**

Title: Profiling of human IL-22+ T Cell Clones from patients affected with Schistosoma mansoni: Insights into Macrophage Regulation and Liver Fibrosis

---

**Alejandro Carmona Casillas, University of Puerto Rico, Puerto Rico**

Title: Overlooked possible menace to life also known as PML

---

**Balsam Qubais Saeed, University of Sharjah, United Arab Emirates**

Title: Exploring the antibacterial efficacy of adam series compounds against multidrug-resistant clinical isolates

---

**Ahad Al Balushi, Oman Medical Specialty Board, Oman**

Title: The epidemiology of brucellosis in Oman: A seven-year retrospective analysis (2017-2023)

---

**Nicole Azizeh, Kingston University London, United Kingdom**

Title: Efficient removal of antibiotics from water using a highly crosslinked metal-alginate system; A novel strategy to fight against antimicrobial resistance

---

**Jasmine Buck, Frimley Health NHS Foundation Trust, United Kingdom**

Title: Use of blood culture time-to-positivity to significantly reduce laboratory workload

---

**Meerab Fatima, Frimley Park Nhs trust, United Kingdom**

Title: A rare case of Spontaneous Splenic Rupture in a young patient with Infectious Mononucleosis

---

**Ijaz Ogeer, San Fernando General Hospital, Trinidad and Tobago**

Title: Mosquito mayhem! A case of dengue virus induced acute respiratory distress syndrome in Trinidad and Tobago

---

**Roman Kozlov, Smolensk State Medical University, Russian Federation**

Title: Microbiological activity of Bovhyaluronidase Azoximer against microbial biofilms

---

**Jeong Rae Yoo, Jeju National University Hospital, Korea, Republic of**

Title: Illness severity in patients with severe fever with thrombocytopenia syndrome assessed by multiple organ dysfunction score (mods): A guide for physicians in monitoring and treatment decisions

---

**Wooseong Jeong, Jeju National University Hospital, Korea, Republic of**

Title: Cytokine storm control in severe fever with thrombocytopenia syndrome: Tocilizumab's potential role in reducing il-6 and mortality

---

**Sung Wook Song, Jeju National University Hospital, Korea, Democratic People's Republic Of**

Title: Exploring non-carbapenem options for esbl-producing enterobacteriaceae bacteremia in emergency room: Focusing on piperacillin-tazobactam

---

**Ilayda Erakin Kaya, Ege University, Turkey**

Title: Performance of gold and selenium nanoparticles in lateral flow assays for HIV p24 detection

---

**Xu Wang, Sun Yat-Sen University, China**

Title: The global macroeconomic burden of non-hepatic non-communicable diseases attributable to hepatitis B in 2021

---



## Tentative Program

---

**Harshvardhan, CSIR-IMTech, India**

Title: Heterologous expression of laterosporulin: assessing the impact of charge distribution on antimicrobial activity

---

**Nikrish S Hegde, Amradnet, India**

Title: Invasive fungal sinusitis, correlation of the radiological and intraoperative findings

---

**Meryl Louise Su, Cardinal Santos Medical Center, Philippines**

Title: Factors affecting hesitancy towards the covid-19 vaccine amongst parents of children aged 5-17 years in San Juan, Metro Manila

---

**Kevin Cezar A. Estacio, Dr. Paulino J. Garcia Memorial Research Medical Center, Philippines**

Title: A single center retrospective study on the incidence and clinical outcomes of patients infected with klebsiella pneumoniae carbapenemase (KPC)-producing klebsiella pneumoniae

---

**Karizza Angeles, Dr. Paulino J. Garcia Memorial Research Medical Center, Philippines**

Title: Incidence of acute pancreatitis among patients with moderate to severe leptospirosis and its clinical outcomes: A single center retrospective study in a tertiary hospital

---

**Barbara Cariza Buenafe, Research Institute of Tropical Medicine, Philippines**

Title: Don't miss the hiss: A case of venom induced consumptive coagulopathy

---

**Shaiva Nur O. Mangacat, Philippine Pediatric Society, Philippines**

Title: Association of covid-19 vaccination status with disease severity and outcome among confirmed covid-19 pediatric patients admitted in a tertiary referral center abstract

---

**Mark Krister T. Mejia, University of Santo Tomas Hospital, Philippines**

Title: Citrobacter koseri infective endocarditis in an immunocompetent male successfully treated with valve replacement and a shortened-course of antimicrobial therapy: a case report

---

**Velma Herwanto, Tarumanagara University, Indonesia**

Title: Rickettsiosis presenting as viral-like illness: A case report highlighting diagnostic challenges in a resource-limited setting

---

**Shostakovych Koretska Liudmyla, Dnipro State Medical University, Ukraine**

Title 1: Associations between DRB1 alleles and HIV disease progression in people living with HIV/AIDS (PLWHA) receiving Antiretroviral Therapy (ART)

Title 2: The rising trend of gram-negative bacterial infections in the post-Covid era and military conflict in Ukraine

---

**Soukaina Mounsif, Ibn Rochd University Hospital Center, Morocco**

Title 1: Molnupiravir and Covid 19 myocarditis: An indirect therapeutic role?

Title 2: Atypical presentation of ocular toxocariasis: A case report

---

**Sanjib Adhikari, Tribhuvan University, Nepal**

Title: Sero-epidemiology of acute undifferentiated febrile illness in Nepal

---

**Kountchou Cyrille Levis, Institute of Medical Research and Medicinal Plants Studies ; Ministry of Scientific Research and Innovation (Yaounde, Cameroon), Cameroon**

Title: Candida krusei (Pichia kudriavzevii) multilocus sequence typing and antifungal susceptibility profile in Cameroon

---

## *Tentative Program*

---

**Kalilu Samuka Donzo, University of Ghana, Ghana**

Title: Seroprevalence of measles-specific IgG and neutralizing antibodies in clinically-confirmed cases from the ongoing measles outbreak in Liberia

---

**Festus Mulakoli, Aga Khan University, Kenya**

Title: Detection of dengue virus among blood donors: A cross sectional study in Kenya

---

**Nicholas Svitek, International Livestock Research Institute, Kenya**

Title: Harnessing bacteriophages as an alternative to antibiotics for Mastitis prevention in goats in Kenya

---

**Succes Bouangui-Bazolana, University of the Witwatersrand, South Africa**

Title: Surgical site infection pre and post covid-19-related hygiene protocols in gynaecological oncology: is there a difference in prevalence and severity at charlotte maxeke johannesburg academic hospital?

---