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INFECTION
2027 | JUNE 28-30

11TH EDITION OF

WORLD CONGRESS ON

INFECTIOUS DISEASES

CPD APPROVED
CPD ACCREDITED
20+ CREDITS

HYBRID EVENT
28-30
JUNE 2027

COME AND JOIN US IN:
ROME, ITALY
OR VIRTUALLY

TENTATIVE PROGRAM

CONFERENCE TOPICS

- Infectious Diseases
- Coronavirus Disease (COVID-19)
- Pediatric Infectious Diseases
- STD and HIV Infection
- Infectious Diseases Prevention, Control and Cure
- Infection, Immunity and Inflammation
- Pharmacology of Infectious Diseases
- Blood Infectious Diseases
- Epidemiology
- Sepsis/Septicemia
- Ebola and Zika Viral Infections
- Emerging and Re-Emerging Infectious Diseases
- Antimicrobial Resistance (AMR)
- Vaccine Development and Immunization

Theme:
Advancing Infectious Disease Research for Better Prevention and Care

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Keynote Speakers



Ranjan Ramasamy

ID-FISH Technology, United States



Saurabh Chattopadhyay

University of Kentucky College of Medicine, United States



Yazdan Mirzanejad

University of British Columbia, Canada



Elena Chiappini

University of Florence, Italy



Claudia Ferreira

Sorbonne University, France



Pedro Plans Rubio

College of Physicians of Barcelona, Spain



Sergey Suchkov

N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences & InMedStar, Russian Federation



Masafumi Seki

Saitama Medical University International Medical Center, Japan

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KEYNOTE PRESENTATIONS

Ranjan Ramasamy, ID-FISH Technology, United States

Title: Will be updated soon

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

Title: Will be updated soon

Yazdan Mirzanejad, University of British Columbia, Canada

Title 1: Climate change & increasing pollution and respiratory illnesses
Title 2: Climate changes & increasing Tickborne illnesses

Claudia Ferreira, Sorbonne University, France

Title: The accelerated timeline: Human ecology, climate change, and the next global outbreak

Elena Chiappini, University of Florence, Italy

Title: Invasive group a streptococcal infections in children: Current therapeutic challenges

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

Title: Global and regional routine pertussis vaccination coverage and anti-pertussis herd immunity levels in 2024, and variation from 2019 to 2024

Masafumi Seki, Saitama Medical University International Medical Center, Japan

Title: Trends of treatment and vaccines for influenza, COVID-19, and pneumococcal diseases

Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences & InMedStar, Russian Federation

Title: Diagnostic approaches, predictive and prognostic assessments, monitoring, treatment & management of infectious diseases and disease prevention

ORAL PRESENTATIONS

Swapan K. Nath, Anne Burnett Marion School of Medicine at Texas Christian University, United States

Title: Diseasequest: Multi-agent AI and reasoning analytics for infectious disease management in medical education

Martha-Grace McLean, Anne Burnett Marion School of Medicine at Texas Christian University, United States

Title: Recurrent klebsiella pneumoniae pyogenic liver abscess: Developing a literature-informed 0–2 scoring framework from a solved index case

Nastassja Matus, Brown University, United States

Title: Characterizing the Mechanism of Action for Antimalarial Compound 2714-19

Ximenna Garcia Rivera, Brown University, United States

Title: Characterizing the Mechanism of Action for Antimalarial Compound 2714-19

Setu P Shiroya, Anne Burnett Marion School of Medicine at Texas Christian University, United States

Title: Post-Hysterectomy Pelvic Abscess Mimic: An AI-Assisted Diagnostic Stewardship Workflow

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Xiu Wen, Anne Burnett Marion School of Medicine at Texas Christian University, United States

Title: Acinetobacter junii bacteremia associated with cellulitis in a patient receiving chronic hemodialysis: A rare opportunistic bloodstream infection

Michaela Mitchell, Anne Burnett Marion School of Medicine at Texas Christian University, United States

Title: Building a Clinical Reasoning Tool from Post-Transplant MRSA Sepsis: A Mentored AI Workflow

Mohammed Saeed, The Dudley Group NHS Foundation Trust, United Kingdom

Title: Early influenza vaccination during pregnancy confers greater protection to infants against influenza infection

Frederico Marianetti Soriani, Federal University of Minas Gerais, Brazil

Title: A Multicenter Genome-Wide Association Study of Leprosy in Brazil

Adevaldes Pereira Carrijo Neto, Centro Universitário de Goiatuba - Unicerrado, Brazil

Title: Microbiological and parasitological quality of Lactuca sativa L. sold at farmers' markets in Goiânia, Goiás, Brazil

Denise Eliziana de Souza, Oswaldo Cruz Foundation, Brazil

Title: Does greater model complexity improve prediction of sustained viral suppression? Comparing CART and random forest among women living with HIV in Brazil

Weide Li, Lanzhou University, China

Title: Transfer learning framework for climate dependent disease prediction: Coupling compartment model with deep learning

Satyaprakash Tripathi, All India Institute of Medical Science Raipur, India

Title: In vitro assessment of silver nanoparticle–voriconazole combination against Aspergillus species and its mechanistic insights

Pallab Ghosh, Indian Institute of Science, India

Title: Neutral pH plasma activated water as a surface disinfectant and wound healing solution to reduce the spread of nosocomial infections

Vaishakh Vinod Pisharody, AIIMS Jodhpur, India

Title: Role of perfusion index (PI) as a screening tool in early detection of dengue shock syndrome (severe dengue) at a tertiary care centre in Northwestern India: A prospective observational study

Nali Bhagyasri, LV Prasad Eye Institute, India

Title: A case of complicated polymicrobial keratitis in a patient of multiple myeloma and hyperthyroidism

Yuvaneswary Veloo, National Institutes of Health, Malaysia

Title: Unravelling the One Health Dynamics of Antimicrobial Resistance in Escherichia coli Across Dairy Farms in Malaysia

Sakshaleni Rajendiran, National Institutes of Health, Malaysia

Title: An explainable Long Short-Term Memory Architecture-Based Dengue Prediction at 1-KM resolution

Supakrit Sompee, Phramongkutklao College of Medicine, Thailand

Title: Simple PCR-NALFIA targeting SSU rRNA gene for sensitive detection of Vittaforma corneae in MKC patients

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Jemil Austin M. Lacson, Philippine General Hospital, Philippines

Title: Cryptogenic brain abscess from Serratia marcescens in an immunocompetent patient: A case report and literature review

Mary Megumi Hamor, Perpetual Help Medical Center - Las Piñas, Philippines

Title: Endobronchial tuberculosis causing central airway obstruction with concomitant tuberculous pericarditis and allergic bronchopulmonary aspergillosis in pregnancy: A case report

Remson R. Lopena, Perpetual Help Medical Center - Las Piñas, Philippines

Title: Tuberculosis verrucosa cutis: An uncommon cause of a chronic verrucous plaque in an elderly patient

Joseph Rem C. Dela Cruz, Philippine General Hospital, Philippines

Title: Atypical clinicoradiological findings in cases of cerebral neuroschistosomiasis: A case series and literature review

Md. Mahfujur Rahman, Sylhet Agricultural University, Bangladesh

Title: Antimicrobial resistance in ESBL-producing Enterobacteriaceae isolated from retail raw milk and meat

Jannatul Bakya, Asian University for Women(AUW), Bangladesh

Title: Identification of potential drug targets to treat COVID-19 patients

Oussama Mahmoudi, Mohamed-Cherif Messaadia University, Algeria

Title: Antimicrobial resistance in animal production: Mechanisms, selective pressures, and mitigation strategies within the One Health framework

Farah Mohammad Khaleel Qandeel, An-Najah National University, Palestine

Title: Epidemiology and clinical characteristics of patients with carbapenem-resistant Enterobacterales infections: Experience from a large tertiary care center in a developing country

Ali Amoushahi, Isfahan University of Medical Sciences, Iran (Islamic Republic of)

Title 1: Efficacy and safety of inhalation of nebulized ethanol in COVID-19 treatment: A randomized clinical trial
Title 2: Innovative treatment of hypercapnia with soda lime in COVID-19: A case report

Amar Nagila, Pokhara University, Nepal

Title: Leveraging portable digital X-ray and artificial intelligence for active tuberculosis case finding among people living with HIV in Nepal

Rajesh Kumar Yadav, Pokhara University, Nepal

Title: Bidirectional screening of tuberculosis and diabetes mellitus patients in Nepal

Susan Mutile Kavai, Kenya Medical Research Institute, Kenya

Title: High prevalence of multi-drug resistant H58 Salmonella Typhi and emerging fluoroquinolone resistance among febrile children in Nairobi County, Kenya

Chris André Mbongue-Mikangue, University of Yaounde I, Cameroon

Title: Role of toll-like receptor 2 immune response in Mycobacterium tuberculosis and chronic obstructive pulmonary diseased

Oral presentation slots are available

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POSTER PRESENTATIONS

Julia Muhametaj, Cooper University Hospital, United States

Title: A culture-negative multisystem abscess syndrome: Unmasking Fusobacterium vincentii through cell-free DNA sequencing

Sylvain Nganga Matingou, University of Leicester, United Kingdom

Title: Machine learning for predicting malaria by accounting for human and mosquito movement

Denyse Mugwaneza, Univesity of Pecs, Hungary

Title: Prevalence, antimicrobial susceptibility, and risk factors of carbapenem-resistant Pseudomonas aeruginosa in tertiary referral hospitals in Rwanda, 2023 to 2025

Paula Moura Machado, Faculdade de Medicina de Petrópolis, Brazil

Title: Multisystem extrapulmonary tuberculosis presenting as persistent cervical lymphadenopathy in an immunocompetent child: A diagnostic challenge

Mariana Fonseca Melo, Dom Pedro II University Center (UNIDOM), Brazil

Title: Pediatric Necrotizing Pneumonia: Diagnostic Strategies, Therapeutic Approaches, and Clinical Outcomes

Vitória de Freitas da Silva, Sociedade Unificada de Ensino Superior Augusto Motta (UNISUAM), Brazil

Title: Preliminary evaluation of loop-mediated isothermal amplification for detecting Leishmania infantum in canine conjunctival swabs

Araksia Arutiunova, Research Institute for Systems Biology and Medicine (RISBM), Russian Federation

Title: Recovery and ranking of experimentally validated T-cell epitopes from HIV-1 p24, HCMV pp65, and Bordetella pertussis PtxS1 by HLA class I and II prediction tools

Alaa Saeed Babonji, Ministry of NaDonal Guard Health Affairs, Saudi Arabia

Title: Efficacy and safety of tegoprazan–amoxicillin dual therapy versus bismuth-containing quadruple therapy for Helicobacter pylori eradication: A systematic review and meta-analysis

Vidal Israel Velazquez Juarez, Universidad de Monterrey, Mexico

Title: Tuberculous colitis with chronic abdominal pain: A case report

Nilo Bonifacio Morales, Hospital Nacional Daniel Alcides Carrión, Peru

Title: Hepatitis C virus infection among healthcare workers at a tertiary referral hospital in Peru: Prevalence, risk exposures, and knowledge

Nikhil Patel, Holy Spirit Hospital, India

Title: Beyond arthralgia: An unusual pulmonary presentation of chikungunya

Nayana Barskar, ACTREC-Tata Memorial Center, India

Title: Characterization of respiratory viral infections in immunocompromised cancer and bone marrow transplant patients by multiplex syndromic PCR: A retrospective analysis from a comprehensive cancer centre in Western India

Vaibhav Kumar Tamrakar, All India Institute of Medical Science Raipur, India

Title: Molecular epidemiology and genotype distribution of 14 high-risk human papillomavirus among women from the state of Chhattisgarh, India: A retrospective study (January 2024-August 2026)

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Rachit Khandelwal, Medanta- The Medicity, India

Title: Low dose oral letermovir prophylaxis strategy for cytomegalovirus prevention after paediatric haploidentical hematopoietic stem cell transplantation with post-transplant cyclophosphamide

Isaac Quiros Fallas, Universidad de Costa Rica, Costa Rica

Title: Multiplex qPCR-HRM for the detection of IMP, VIM, and NDM metallo-β-lactamase genes in clinical isolates from Costa Rica

Imane Belbacha, National Institute of Hygiene, Morocco

Title 1: Prevalence of HIV, hepatitis C, and syphilis among sub-Saharan migrants recruited by RDS in Rabat and Casablanca, Morocco: Results from the third national IBBS survey (2026)
Title 2: Comparative performance of four HIV rapid diagnostic tests in Morocco

Poster presentation slots are available