



# International Virtual Congress on Infectious Diseases & Virology October 26-27, 2024

## Scientific Program

### INFECTIOUS DISEASES 2024

Virtual Meeting (Teams Meeting)

Time Zone: GMT+1 (London, UK)

Opening Ceremony

Time 10:30-10:35 AM

#### Keynote Speaker Session

10:35-11:00	<p>Title: Reevaluating Antivirals for COVID-19: Do They Still Have a Role?</p> <p>Ronza Najjar-Debbiny, Lady Davis Carmel medical center, Haifa, Israel</p>
11:00-11:25	<p>Title: Leveraging Large Data, Statistics, and Machine Learning in Antimicrobial Stewardship Programs</p> <p>Konstantina Salveridou, Marien Hospital Duesseldorf, Germany</p>
11:25-11:50	<p>Title: From pathogenesis to antigens: the key to shaping the future of TB vaccines.</p> <p>Haoyan Yang, Beijing Zhifei Lvzhu Biopharmaceutical Co. Ltd, China</p>
11:50-12:15	<p>Title: Mycovirus-Containing Aspergillus flavus Alters Transcription Factors in Normal and Acute Lymphoblastic Leukemia Cells</p> <p>Cameron Tebbi, Children's Cancer Research Group Laboratory, Tampa, USA</p>

#### Plenary Speaker Session

Session Details	<p>    Infectious Diseases     Bacterial and Fungal Infectious Diseases     Infectious Diseases Prevention, Control and Cure     Neuro infectious diseases     Emerging Infectious Diseases     Microbiology &amp; Immunology         Infectious Diseases &amp; Infection control    </p>
Session Chairperson	<p>Ronza Najjar-Debbiny, Lady Davis Carmel medical Center, Israel Konstantina Salveridou, Marien Hospital Duesseldorf, Germany</p>
12:15-12:40	<p>Title: Towards Cell-Permeable Hepatitis B Virus Core Protein Variants as Potential Antiviral Agents</p> <p>Sanaa Bendahmane, Private University of Marrakech, Morocco</p>
12:40-13:05	<p>Title: Diagnostics for detection and surveillance of priority epidemic-prone diseases in Africa: an assessment of testing capacity and laboratory strengthening needs.</p>

	<b>Aytenew Ashenafi, Africa Centres for Disease Control and Prevention, Ethiopia.</b>
<b>13:05-13:30</b>	<b>Title: Impact de la prise en charge psychosociale sur la dépression pendant l'épidémie de méningite de Panga en République démocratique du Congo en 2021</b>
	<b>Marcel Sabiti Poyo, Programme National de Santé Mentale, République Démocratique du Congo</b>
<b>13:30-13:55</b>	<b>Title: Resveratrol: A multi therapeutic drug target and a potential neuro protectant against age associated neurodegeneration. With special emphasis on aging and Alzheimer's disease</b>
	<b>M Anusuyadevi, Bharathidasan University, India</b>
<b>13:55-14:20</b>	<b>Title: Resveratrol Mitigates Neuroinflammation and Enhances Neurogenesis via SIRT1 upregulation in an Amyloid-<math>\beta</math> 25-35-Induced Rat Model of Alzheimer's Disease</b>
	<b>Surya Kumar, Bharathidasan University, India</b>
<b>14:20-14:45</b>	<b>Title: Identification of Family-Specific Features in Cas9 and Cas12 Proteins: A Machine Learning Approach Using Complete Protein Feature Spectrum</b>
	<b>Sita Sirisha Madugula, University of North Texas Health Science Center, Fort Worth, USA</b>
<b>14:45-15:10</b>	<b>Title: Beyond the Synapse: Unveiling CDKL5's emerging roles in autophagy and antiviral defense mechanisms</b>
	<b>Josephine Thinwa, University of Texas Southwestern Medical Center, USA</b>
<b>15:10-15:35</b>	<b>Title: Assessment and Training of Perceptual-Motor Function: Performance of College Wrestlers Associated with History of Concussion</b>
	<b>Gary B. Wilkerson, University of Tennessee at Chattanooga, USA</b>
<b>15:35-16:00</b>	<b>Title: Quantifying Autonomic Dysfunction - A Novel Biomarker of Alzheimer's disease</b>
	<b>Sajitha Nair, Cochin University, India</b>
<b>Poster Presentation Session (16:00-17:00)</b>	
<b>P001</b>	<b>Title: Knowledge, attitudes and practices towards COVID-19 among healthcare workers: a cross-sectional survey from Kiambu County, Kenya</b>
	<b>Prabhjot Kaur Juttla, University of Nairobi, Kenya</b>
<b>P002</b>	<b>Title: Clinical and biological profile of HIV and malaria coinfection at Bandalungwa Central Military Hospital, Kinshasa, DRC</b>
	<b>Marithé Mukoka-Ntumba, Institut National de Recherche Biomédicale-Goma, Congo</b>
<b>P003</b>	<b>Title: Exploring the Antidiabetic Potential of Lavandula stoechas: Mechanisms of Action and Implications</b>
	<b>Amal Elrherabi, Faculty of Sciences Mohammed First University, Morocco</b>
<b>P004</b>	<b>Title: The relationship between alcohol consumption and the presence of advanced liver fibrosis in the general population</b>
	<b>Horia Minea, Institute of Gastroenterology and Hepatology Iasi, Romania</b>
<b>End of Session</b>	

**Closing Ceremony**

**Researcher Meetings**

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