

International Symposium on Recent Advances in Microbiology

August 21-22, 2026 | Hotel Grand Central Singapore

Tentative Agenda

DAY-1 (August 21, 2026)

09:00-09:30	Registrations
09:30-10:00	Opening Remark
Technical Session - I	
10:00-10:25	<i>Combination Treatment with Synthetic gRNA/Cas12a and gRNA/Cas9 Ribonucleoproteins Disrupts HIV Replication and Expression</i>
	Prof. Zhi Q. Yao , East Tennessee State University College of Medicine, United States
10:25-10:50	<i>Robust immunogenicity and protection efficacy of a microneedle patch-based Flu-RSV combination vaccine fabricated using partition-loading strategy</i>
	Dr. Bin Wang , Advaccine Biotechnology Co., Ltd., China
10:50-11:10	Group Photo & Refreshment Break
11:10-11:35	<i>A Coupled Infection–ROS–Quantum Emission Model for Ultraweak Photon Emission in Infectious Disease Dynamics</i>
	Dr. Horace Crogman , California State University Dominguez Hills, United States
11:35-12:00	<i>Waka Ama as a Maori Public Health Intervention for Wahine Hauora</i>
	Mrs. Kay Berryman , Waikato University, New Zealand
12:00-12:25	<i>Overcoming the intractable HIV latency for virus elimination through sustained autologous immune responses</i>
	Dr. Prasad Koka , Biomedical Research Institute of Southern California, India
12:25-12:50	<i>SYN023 mAb cocktail for rabies prophylaxis</i>
	Dr. Eric I Tsao , Synermore Biologics, China
12:50-14:00	Lunch

Technical Session - II	
14:00-14:25	<i>Hha Toxin Regulates Diverse Phenotypes of Uropathogenic Proteus Mirabilis</i>
	Dr.Shwu-Jen Liaw , National Taiwan University, Taiwan
14:25-14:50	<i>CRISPR Cas9 Gene Editing for Sickle Cell Disease</i>
	Dr. Jennifer Domm , Sarah Cannon Pediatric Hematology, United States
14:50-15:15	<i>Human Immunodeficiency Virus: A Case of Household Transmission</i>
	Dr. Rabab ALGhaithi , King Fahad Medical City, Saudi Arabia
15:15-15:40	<i>COVID-19 Vaccine Acceptance, Knowledge, Attitudes and Socio-Demographic Factors of General Population: A Mixed-Methods Study</i>
	Prof. M. J. Kumari , Jawaharlal Institute of Postgraduate Medical Education & Research (JIPMER), India
15:40-16:00	Refreshment Break
16:00-16:25	<i>Hepatitis E Virus Infection: Circulation, Molecular Epidemiology, and Impact on Global Health</i>
	Dr. James Wai Kuo Shih , Xiamen Innovax Biotech CO. Ltd, China
16:25-16:50	<i>Molecular Characterization of Wolbachia Endosymbionts and their association with Canine Dirofilariosis in Colombo District, Sri Lanka</i>
	Dr. Koshila Ranasinghe , Faculty of Science, University of Kelaniya, Sri Lanka
16:50-17:15	<i>Near-Infrared Regulated Engineered EcN System for Gut-Brain Axis Modulation and Anxiety Therapy</i>
	Dr. Xuejun Wang , Jinan Microecological Biomedicine Shandong Laboratory, China
17:15-17:40	Slot Available
17:40-18:05	Slot Available
Day -1 Conclude	
Pannel Discussions	
DAY-2 (August 22, 2026)	
Technical Session - I	
09:00-09:25	<i>Innate and Adaptive Immune Responses in Hepatitis C Virus Infections</i>
	Dr. Yutaka Kishida , Osaka Kaisei Hospital, Japan
09:25-09:50	TBA
	Dr. Chi-Young-Wang , National Chung Hsing University, Taiwan

09:50-10:15	Slot Available
10:15-10:40	<i>A Universal Vaccine for Cancer and Infectious Diseases</i> Prof. Eli Gilboa, University of Miami School of Medicine, United States
10:40-11:00	Refreshment Break
11:00-11:25	<i>Microbial Multidrug-Resistant Organism (MDRO) Mapping of Intensive Care Unit Infections</i> Prof. Ahmed Elsis, Benisuef university, Egypt
11:25-11:50	<i>Investigation of mucus-degradation pathway in Selenomonas sputigena and its potential in maintaining lung homeostasis</i> Dr. Trinh Nguyen Thi, Seoul National University College of Medicine, South Korea
11:50-12:15	Slot Available
12:15-12:40	<i>Comparative Phenotypic and Genotypic Profiling of Virulence Determinants and Antimicrobial Resistance in Uropathogenic Klebsiella pneumoniae Isolates from Catheterized and Non-Catheterized Patients in a Tertiary Care Hospital</i> Ms. Poulami Mukherjee, SRM Medical College Hospital and Research Centre, India
12:40-13:05	Slot Available
13:05-14:00	Lunch
Technical Session - II	
14:00-14:25	<i>Vibrio cholerae Non-O1, Non-O139 Identified in Bacteremic Skin Infection Patient with Multiple Skin Necrosis</i> Dr. Ibrahim Alhabib, Imam Abdulrahman Bin Faisal University, Saudi Arabia
14:25-14:50	Slot Available
14:50-15:15	<i>General anesthesia in patient with Hutchinson-Gilford progeria syndrome: two case reports of dental treatment in the one patient</i> Dr. Maksym Synytsyn, Clinical Hospital Feofania, Ukraine
15:15-15:40	<i>Heavy Metal-Driven Co-Selection and Persistence of Multidrug Resistance in Environmental Citrobacter spp. from Polluted Aquatic Ecosystems</i> Ms. Krupanshi Bharadava, Parul University, India
15:40-16:00	Refreshment Break
16:00-16:25	Slot Available
16:25-16:50	<i>A multifunctional anti-influenza peptide targeting viral fusion and nucleoprotein</i> Prof. Hanjun Zhao, Fudan University, China
This is tentative agenda and subjected to changes. To book your slot, please reach us at mirawen@urforum.org	