

**U.S.-Japan Cooperative Medical Sciences Program (USJCMSP)
25th International Conference on Emerging Infectious Diseases (EID) in the Pacific Rim**

**June 24-25, 2026
Venue: Monash University
Sunway, Malaysia**

Day 1
Thursday, June 25, 2026

- 09:30-09:40 **Opening remarks: ARI Chairs, Miki Nagao, Jeff Weiser**
- 9:40-10:40 **Session 1: Host Susceptibility and Disease Models**
Chair: TBD, Yasufumi Matsumura (Kyoto U), Amy Ginsburg
Rapporter: Rina Hashimoto (Science Tokyo)
- 9:40-10:10
Sabra Klein
Susceptibility to acute respiratory infections is written in your sex chromosomes
- 10:10-10:40
Kazuo Takayama
Establishment of an Organoid-Based Disease Model for Acute Respiratory Infection
- 10:40-11:10
Jeff Weiser
The Pneumococcus: Why a Commensal Misbehaves
- 11:10-11:40
Bo Shopsisin
Quorum sensing tunes survival during Staphylococcus aureus infection
- 11:40-13:00 **Group photo**
Poster flash talks
- Lunch break**
- 13:00-14:30 **Session 2: Antimicrobial Resistance – From Mechanisms to Global Epidemiology**
Chair: TBD, Ryota Gomi (Tokyo U), Bo Shopsisin
Rapporter: Yusuke Tsuda (Kyoto U)
- 13:00-13:30 **Polly Yap**
One Health Mapping of Environmental and Human Gut Antimicrobial Resistance in Malaysia
- 13:30-14:00 **Yasufumi Matsumura**
Molecular epidemiology and resistance mechanisms of clinical carbapenem-resistant Pseudomonas aeruginosa isolates in Japan
- 14:00-14:30 **Yohei Doi**
Hypervirulence and Antimicrobial Resistance in Klebsiella pneumonia

- 14:30-14:45 **Coffee Break**
- 14:45-16:45 **Session 3: Modern technology for discovery and clinical usage**
Chair: TBD, Yasufumi Matsumura (Kyoto U), Jeff, Weiser
Rapporter: Miki Nagao (Kyoto U)
- 14:45-15:15
Joshua Weitz
Quantitative modeling of phage-bacteria interactions and phage therapy
- 15:15-15:45
Amy Ginsburg
AI-assisted lung ultrasound for pneumonia
- 15:45-16:15
Hideyuki Shimizu
Drug discovery using AI systems including antibiotics for AMR
- 16:15-16:45
Deborah Hung
Systemic chemobiology for antibiotic discovery against SARS, influenza, UTIs
- 16:45-16:50 Closing remarks: ARI Chairs: **Miki Nagao, Jeff Weiser**