

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

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

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**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: Amy Ginsburg, Yasufumi Matsumura**  
**Rapporter: Rina Hashimoto**
- 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 **Jeffrey Weiser**  
***The Pneumococcus: Why a Commensal Misbehaves***
- 11:10-11:40 **Bo Shopsin**  
***Quorum sensing tunes survival during Staphylococcus aureus infection***
- 11:40-12:00 **Poster flash talks**  
**Yusuke Tsuda**  
***Comparison of molecular characteristics of Burkholderia cepacia between human-derived and environmental strains***  
**Rina Hashimoto**  
***RS virus infection research using human lung organoids***  
**Nur Alia Johari**  
***16s rRNA-Based Taxonomic and Diversity Profiling of Nasal Microbiota in Companion Cats and Dogs attending a Veterinary Clinic in Klang Valley***
- 12:00-13:00 **Group photo**  
  
**Lunch break**
- 13:00-14:30 **Session 2: Antimicrobial Resistance – From Mechanisms to Global Epidemiology**  
**Chair: Bo Shopsin, Ryota Gomi**  
**Rapporter: Yusuke Tsuda**
- 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: Jeffrey Weiser, Yasufumi Matsumura**  
**Rapporteur: Xin-Xing Gu**

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**