

U.S.-Japan Cooperative Medical Sciences Program (USJCMSP)
26th International Conference on Emerging Infectious Diseases (EID) in the Pacific Rim

Mycobacterial Diseases Panel Meeting

June 25-26, 2026

Day 1 Thursday, June 25, 2026
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8:50-9:00	Opening remarks	
Session 1	Moderators: Christina Stallings, Washington University School of Medicine, United States and Naoto Keicho, The Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association, Japan	
9:00–9:30	A 10-year follow-up nationwide survey on pulmonary nontuberculous mycobacterial disease in Japan	Ho Namkoong, Keio University School of Medicine
9:30–10:00	Development of a simple, rapid and low-cost method for distinguishing between <i>M. tuberculosis</i> and major nontuberculous mycobacterial species	Chie Nakajima, Hokkaido University International Institute for Zoonosis
10:00–10:30	Development of novel diagnostic tools for <i>M. tuberculosis</i>	Manabu Ato, Leprosy Research Center, National Institute of Infectious Diseases
10:30–10:50	Break	
Session 2	Moderators: Sabine Ehrt, Weill Cornell Medicine and TBD, Chie Nakajima Hokkaido University International Institute for Zoonosis Control	
10:50–11:20	Periplasmic mediators of cell envelope integrity and intrinsic drug resistance in <i>M. tuberculosis</i>	Sabine Ehrt, Weill Cornell Medicine
11:20–11:40	Target identification of the marine natural product PDOA with anti-dormant mycobacterial activity	Louie Rince Suyo, The University of Osaka
11:40–12:10	Efficient synthesis of novel azithromycin derivatives against drug-resistant nontuberculous mycobacteria	Daisuke Takahashi, Keio University
12:10–12:40	Altered expression of airway ion channel genes in patients with pulmonary non-tuberculous mycobacterial disease	Naoto Keicho, The Research Institute of Tuberculosis (VIRTUAL)
12:40–13:10	Lunch	
Session 3	Moderator: Miriam Braunstein, Colorado State University and TBD, Manabu Ato Leprosy Research Center, National Institute of Infectious Diseases, Japan	
13:10–13:40	Mycobacteriophage interactions with mammalian cells	Miriam Braunstein, Colorado State University
13:40–14:10	Resolving antitubercular drug combinations using chemical genomics	Miljan Stupar, Weill Cornell Medicine
14:10–14:30	Evaluation of antibiotic hysteresis in <i>M. abscessus</i>	Kotaro Sawai; Fujita Health University
14:30–15:00	Functional genomics reveals strain-specific genetic requirements conferring hypoxic growth in <i>M. intracellulare</i>	Yoshitaka Tateishi, Fukushima Medical University
15:00–15:15	Break	

Session 4	Moderator: Rhea Coler, University of Washington/Seattle Children's and TBD, Sohkiichi Matsumoto, Niigata University, Faculty of Medicine	
15:15–15:45	Controlled human tuberculosis challenge model	Rhea Coler, University of Washington/Seattle Children's
15:45–16:15	Interferon and inflammation during <i>M. tuberculosis</i> infection	Christina Stallings, Washington University School of Medicine
16:15–16:35	Development of a tuberculosis vaccine using BCG-derived membrane vesicles	Takehiro Yamaguchi, National Institute of Infectious Diseases, Japan Institute for Health Security
17:35–16:55	Human CD4+ T cells recognizing specific lipids of nontuberculous mycobacteria	Nanami Kamata, The University of Osaka
16:55–17:05	Adjournment	