The 52nd U.S.-Japan Cooperative Medical Sciences Program

Mycobacteria Panel Meeting

March 15-16, 2018. at Niigata Medical Professionals Development Center, Niigata University School of Medicine, Niigata, Japan.

Day1			
8:00am			Speaker
8:15		Opening	
Session1			
Session Chairs: Steven Reed & Sohkichi Matsumoto			
8:20am	O-1	Mycobacterial DNA-binding protein 1 is critical for long term survival of *Mycobacterium smegmatis* and simultaneously coordinates cellular functions	Akihiko Nishiyama Niigata University
8:40am	O-2	Structure of bacterial metabolic pathway and anti-tubercular drug synergism	Yusuke Minato University of Minnesota
9:00am	O-3	Tuberculosis Preclinical and Clinical Resources at the National Institute of Allergy and Infectious Diseases.	Alison Kraigsley U.S. National Institutes of Health
9:20am	O-4	Detection of leprosy patients by serological methods	Yumi Maeda National Institute of Infectious Diseases
Break			
Session2			
Session Chairs: Anthony Baughn & Manabu Ato			
10:00am	O-5	The Epidemiology of Pulmonary Nontuberculous Mycobacterial Disease in Japan	Ho Namkoong Keio University
10:20am	O-6	*Mycobacterium tuberculosis* Persistence Requires PerM Controlled Cell Division	Sabine Ehrt Weill Cornell Medical Callege
10:40am	O-7	Complement and immunoglobulin in leprosy immune reactions	Kathryn M. Dupnik Weill Cornell Medical College
11:00am	O-8	Development of dried loop-mediated isothermal amplification reagents for rapid detection of *Mycobacterium leprae*	Tetsu Mukai National Institute of Infectious Diseases
11:20am	O-9	Clinical Significance of Interferon-γ Neutralizing Autoantibodies Against Disseminated Nontuberculous Mycobacterial Disease	Takuro Sakagami Niigata University
Short break			
Special talk 1 :Discussion about U.S.-Japan Cooperative Medical Sciences Program			
Session Chairs: David McMurray & Masamichi Goto			
11:50		Contribution of US-J CMSP Mycobacterial Panel to the development of research in Japan	Masao Mitsuyama Kyoto University
		(Including lunch)	
12:30		Discussion and Welcome party	

Day2			
8:30		Opening	
Session3			
Session Chairs: David McMurray & Tetsu Mukai			
8:40am	O-10	Biofilm formation in *Mycobaterium avium* subsp. hominissuis — Role of hypoxia, eutrophy and glycopeptidolipid	Yoshitaka Tateishi Niigata University
9:00am	O-11	A New Scenario of Tuberculosis in South Asia	Yasuhiko Suzuki Hokkaido University
9:20am	O-12	An Overview on the impact of Genomics in Evolving the Standard of Care in Leprosy	Richard Truman Louisiana State University SVM

Session3			
Session Chairs: David McMurray & Tetsu Mukai			
9:40am	O-13	Proteomics analysis reveals the candidates of unique protein markers in human mycobacterial granulomatous lesion.	Shintaro Seto Research Institute of Tuberculosis, JATA
10:00am	O-14	The function of a DAP12-associated receptor recognizing mycobacterial lipids	Ei'ichi Iizasa Kagoshima University
Break			
Session4			
Session Chairs: Richard Truman & Naoto Keicho			
10:40am	O-15	The catalytic activities of diadenosine polyphosphate phosphorylases from mycobacteria	Shigetarou Mori National Institute of Infectious Diseases
11:00am	O-16	Cell envelope stress response potentiates pyrazinamide action against *Mycobacterium tuberculosis*	Anthony Baughn University Minnesota
11:20am	O-17	Population Structure and Local Adaptation of MAC LungDisease Agent *Mycobacterium avium* subsp. Hominissuis	Hirokazu Yano Tohoku University
11:40am	O-18	Recombinant BCG expressing SOCS1 antagonist as a novel TB vaccine	Yasuhiro Yasutomi National Institute of biomedical Innovation
Special talk 2: Lunch seminar			
Session Chair: Toshiaki Kikuchi			
12:00pm		Current Issues and Future Prospects of Vaccines in Children	Akihiko Saito Niigata University
13:00-14:00 Poster presentation and discussion			
Session5			
Session Chairs: Richard Truman & Naoto Keicho			
14:00pm	O-19	Antibody responses from tuberculosis patients in Surabaya, Indonesia against *Mycobacterium tuberculosis* protein.	Desak Nyoman Surya Airlangga University
	O-20	Tuberculosis Identification using Multiple Tests for Epidemiology in Surabaya, Indonesia	Nastiti Intan Permata Sari Airlangga University
14:20pm	O-21	Sphingolipid-mediated signaling pathways play essential roles in *Mycobacterium* -containing phagosomes maturation	Hitoshi Nakayama Juntendo University
Special talk 3; TB vaccine development			
Session Chairs: Saburo Yamamoto & Yasuhiro Yasutomi			
14:40pm	S-1	Progress Towards New Vaccines and Immunotherapy for Tuberculosis	Steven Reed Infectious Disease Research Institute
Break			
Session6			
Session Chairs: Sabine Ehrt & Yasuhiko Suzuki			
15:50pm	O-22	Recognition of mycobacterial lipid PGL by inhibitory C-type lectin receptors	Naoya Nishimura Osaka University
16:10pm	O-23	Biotin Metabolism as a Target for TB Drug Development	Dirk Schnappinger Weill Cornell Medical College
16:30pm	O-24	A case of cross-contamination in a laboratory at remote location clarified by molecular epidemiology for *Mycobacterium "tuberculosis"*	Junji Seto Yamagata Prefectural Institute of Public Health
16:50pm	O-25	Opposing roles of TNF-alpha in a guinea pig model of pulmonary TB	McMurray David Texas A&M Health Science Center College of Medicine
17:10pm		Closing	