

The 12th Japan-Taiwan Symposium on
Emerging and re-emerging infectious diseases,
Vaccine Preventable Diseases and Collaborative Project Reports

September 10-11, 2015

National Institute of Infectious Diseases, Tokyo, JAPAN

September 10, Thursday

Opening address

09:00-09:10

Dr. Ichiro Kurane, Director-General, National Institute of Infectious Diseases, Japan

Dr. Jih-Haw Chou, Deputy Director-General, Taiwan Center for Diseases Control

09:10-09:20 Group Photo

Session 1: Emerging and re-emerging infectious diseases

<Keynote speech>

Moderator

Dr. Ichiro Kurane, Director-General, NIID, Japan

Dr. Jih-Haw Chou, Deputy Director-General, Taiwan CDC

09:20-09:40

Preparedness for Emerging Infectious Disease in Japan

Dr. Ichiro Kurane, Director-General, NIID, Japan

09:40-10:00

Preparedness for Emerging Infectious Disease in Taiwan

Dr. Chin-Hui, Yang,

Director, Division of Preparedness and Emerging Infectious Disease, Taiwan CDC

10:00-10:10

Discussions

< **Emerging and re-emerging infectious diseases I** >

Moderator

Japan: Dr. Kyoko Sawabe, Department of Medical Entomology

Taiwan: Dr. Ho-Sheng Wu, Director, Center for Diagnostics and Vaccine Development

10:10-10:30

The Epidemiology of Dengue in Japan, 2014

Dr. Tomoe Shimada, Infectious Diseases Surveillance Center, NIID, Japan

10:30-10:50

Clinical Characteristics and Fatality Risk Factors of Dengue Hemorrhagic fever in Taiwan, 2014

Dr. Hsin-Yi, Wei, Office of Preventive Medicine, Taiwan CDC

10:50-11:05

Molecular characterization of dengue viruses isolated from imported and autochthonous dengue patients in Japan

Dr. Shigeru Tajima, Department of Virology I, NIID, Japan

11:05-11:20

Molecular epidemiology of arboviruses in Taiwan

Ms. Cheng Fen Yang,

Center for Diagnostics and Vaccine Development, Taiwan CDC

11:20-11:35

Development of molecular genotyping for detecting pyrethroid-insensitive sodium channel of the dengue vector mosquito, *Aedes aegypti*

Dr. Takashi Tomita, Department of Medical Entomology, NIID, Japan

11:35-11:50

Evaluation of pyrethroid efficacy for control of dengue vector mosquitoes in Taiwan

Dr. Tien-Huang Chen, Center for Diagnostics and Vaccine Development, Taiwan CDC

11:50-12:00

Discussions

Lunch-Break 12:00-13:00

< **Emerging and re-emerging infectious diseases II** >

Moderator

Japan Dr. Masayuki Saijo, Department of Virology I

Taiwan Dr. Chin-Hui, Yang, Director, Division of Preparedness and Emerging Infectious Disease

13:00-13:20

Animal Rabies re-emergence and human exposure in Taiwan

Dr. Hao-Hsin Wu,

Office of Preventive Medicine, Taiwan CDC

13:20-13:40

Surveillance of Animal Rabies and current situation in Taiwan

Dr. Cheng-Ta Tsai,

Animal Health Inspection Division, Bureau of Animal and Plant Health Inspection and Quarantine, Council of Agriculture, Executive Yuan, Taiwan

13:40-14:00

Laboratory network for diagnosis of Animal Rabies

Dr. Satoshi Inoue, Department of Veterinary Science, NIID, Japan

14:00-14:20

Epidemiology of HIV/AIDS in Japan, 1985-2014

Dr. Kazuhiko Kanou, Infectious Diseases Surveillance Center, NIID, Japan

14:20-14:50

Emerging Infectious Diseases among HIV-infected adults in Taiwan

Dr. Yi-Chun Lo, Office of Preventive Medicine, Taiwan CDC

14:50-15:10

Increase in syphilis among MSM and heterosexual females, 2000-2014 Japan

Dr. Takuri Takahashi, Infectious Diseases Surveillance Center, NIID, Japan

15:10-15:20

Discussions

Coffee-Break 15:20-15:50

Session2 Vaccine Preventable Diseases

Moderator

Japan: Dr. Takaji Wakita, Deputy Director-General, NIID, Japan

Taiwan: Dr. Yi-Chun Lo, Director, Office of Preventive Medicine

15:50-16:10

Taiwan's measles elimination experience

Mr. Fu-Tien Lin,

Division of Acute Infectious Diseases, Taiwan CDC

16:10-16:30

Japan's measles elimination experience and virological evidence

Dr. Makoto Takeda, Department of Virology III, NIID, Japan

16:30-16:50

Strategies for control of rubella and congenital rubella syndrome (CRS) in Taiwan

Mr. Fu-Tien Lin,

Division of Acute Infectious Diseases, Taiwan CDC

16:50-17:10

Strategies for control of rubella and congenital rubella syndrome (CRS) in Japan

Dr. Yoshio Mori, Department of Virology III, NIID, Japan

17:10-17:30

Epidemiology and Prevention of Invasive Pneumococcal Diseases in Taiwan

Ms. Chia-Yu Hsu,

Division of Acute Infectious Diseases, Taiwan CDC

17:30-17:50

Epidemiology and Prevention of Invasive Pneumococcal Diseases in Japan

Dr. Kazunori Oishi,

Infectious Diseases Surveillance Center, NIID, Japan

17:50-18:00

Discussions

September 11, Friday

Session 3 Collaboration studies between CDC/Taiwan and NIID/Japan

Moderator

Japan: Dr. Keigo Shibayama, Department of Bacteriology II

Taiwan: Dr. Ho-Sheng Wu, Director of Center for Diagnostics and Vaccine Development

09:00-09:15

Impact of rotavirus vaccination in Japan: the importance of monitoring strains

Dr. Doan Hai Yen, Department of Virology II, NIID, Japan

09:15-09:30

Progress in molecular virological research and epidemiology of gastroenteric viruses

Dr. Fang-Tzy Wu,

Center for Research, Diagnostics and Vaccine Development, Taiwan CDC

09:30-09:45

Identification of an AIGI gene as a novel virulence associated gene by comparative genomics of *Entamoeba histolytica* clinical isolates

Dr. Kumiko Tsukui, Department of Parasitology, NIID, Japan

09:45-10:00

Study of genetic diversity and drug action mechanisms of *Entamoeba histolytica* clinical isolates

Dr. Dar-Der Ji, Department of Tropical Medicine, National Yang-Ming University

Coffee-Break 10:00-10:30

10:30-10:45

Genetic structure of carbapenemase producing plasmids in Taiwan

Ms. Shio-wen Wang, Associated Researcher,

Center for Research, Diagnostics and Vaccine Development, Taiwan CDC

10:45-11:00

Molecular mechanisms of antimicrobial resistance of *Mycobacterium tuberculosis*

Dr. Shigetaro Mori,

Department of Bacteriology II, NIID, Japan

11:00-11:15

Surveillance of *Mycobacterium avium* complex in HIV-positive patients

Isoniazid resistance-associated gene mutations and ethionamide resistance among different genotypes of *Mycobacterium tuberculosis*

Dr. Ruwen Jou, Division of HIV/AIDS and TB, Taiwan CDC

11:15-11:30

Sero-diagnosis of *Mycobacterium avium* Complex detecting Immunoglobulin

A antibody against glycopeptidolipid antigen in Taiwan

Dr. Manabu Ato, Department of Immunology, NIID, Japan

11:15-11:30

Molecular epidemiology of *Bordetella* in Taiwan

Dr. Chuen-sheue, Chiang,

Center for research, Diagnostics and Vaccine Development, Taiwan CDC

11:45-12:00

Molecular epidemiology and pathogenesis of *Bordetella pertussis* in Asia

Dr. Kamachi Kazunari, Department of Bacteriology II, NIID, Japan

Closing session

12:00

Dr. Takaji Wakita, Deputy Director-General, NIID, Japan

Dr. Jih-Haw Chou, Deputy Director-General, Taiwan CDC

Lunch 12:30-13:30