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
**Session 2 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. Shiow-Jen 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