

# The 20<sup>th</sup> Taiwan- Japan Symposium on Communicable Diseases and Prevention, and Collaborative Project Reports

2023/08/31

Time (TST)	Topic	Speaker
09:10-09:20	<b>Opening Remarks</b> Dr. Jen-Hsiang Chuang (Director-General, Taiwan CDC) Dr. Takaji Wakita (Director-General, NIID, Japan) Dr. Takashi Hattori (Deputy Representative, Japan-Taiwan Exchange Association, Taipei Office)	
09:20-09:30	<b>Group Photo (Invited Guests)</b>	
<b>Session 1: Active and Passive Surveillance Strategies for Emerging Infectious Diseases</b> Moderator: Mr. Hung-Wei Kuo (Director, Epidemic Intelligence Center, Taiwan CDC) Dr. Tomoya Saito (Director, Center for Emergency Preparedness and Response, NIID, Japan)		
09:30-09:55	Seroprevalence of SARS-CoV-2 antibodies in healthy blood donors and its implication for surveillance in Taiwan	<b>Dr. Cheng-Yi Lee</b> Associate Research Fellow, Epidemic Intelligence Center, Taiwan CDC
09:55-10:20	COVID-19 surveillance in Japan(online)	<b>Dr. Takuri Takahashi</b> Chief, Information Dissemination Unit, Center for Surveillance, Immunization, and Epidemiologic Research, NIID, Japan
<b>10:20-10:50</b>	<b>Coffee Break</b>	
10:50-11:15	Active and Passive Surveillance Strategies for SFTSV	<b>Dr. Su-Lin Yang</b> Section Chief, Center for Diagnostics and Vaccine Development, Taiwan CDC
11:15-11:40	Mpox virus as an emerging viral threat	<b>Dr. Hideki Ebihara</b> Director, Department of Virology I, NIID, Japan
<b>11:40-13:00</b>	<b>Lunch (Meeting for future cooperation)</b>	

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<b>Session 2: Vaccine-Preventable Disease Prevention and Control</b> Moderator: Dr. Motoi Suzuki (Director, Center for Surveillance, Immunization, and Epidemiologic Research, NIID, Japan) Dr. Chin-Hui Yang (Director, Division of Acute Infection Disease, Taiwan CDC)		
13:00-13:25	COVID-19 Vaccine Strategy in Japan: Past, Current, and Future	<b>Dr. Motoi Suzuki</b> Director, Center for Surveillance, Immunization, and Epidemiologic Research, NIID, Japan
13:25-13:50	Vaccination challenges and strategies for post pandemic	<b>Dr. Ping-Ing Lee</b> Associate Professor, Department of Pediatrics, National Taiwan University Children's Hospital
13:50-14:15	Current situation and challenges on rubella elimination in Japan	<b>Dr. Hajime Kamiya</b> Director, Immunization Group, Center for Surveillance, Immunization, and Epidemiologic Research, NIID, Japan
14:15-14:40	Strategies for measles control in Taiwan	<b>Mr. I-Ping Lin</b> Section Chief, Division of Acute Infectious Disease, Taiwan CDC
14:40-15:05	Highly pathogenic avian influenza virus and vaccine research	<b>Dr. Hideki Hasegawa</b> Director, Research Center for Influenza and Respiratory Viruses, NIID, Japan
15:05-15:30	Seasonal influenza vaccination program in Taiwan	<b>Ms. Hui-Yun Kao</b> Technical Specialist, Division of Preparedness and Emerging Infectious Diseases, Taiwan CDC
<b>15:30-15:50</b>	<b>Coffee Break</b>	

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<p><b>Session 3: Antimicrobial Resistance</b></p> <p>Moderator:            Dr. Wan Chin Chen (Director, Division of Infection Control and Biosafety, Taiwan CDC)            Dr. Motoyuki Sugai (Director, Antimicrobial Resistance Research Center, NIID, Japan)</p>		
15:50-16:15	Intelligent Anti- Microbial System (i.A.M.S.)-Clinical Decision Support System in Antibiotic Stewardship	<p><b>Dr. Po-Ren Hsueh</b></p> <p>Superintendent, Center of Laboratory Medicine, China Medical University Hospital, Taiwan</p>
16:15-16:40	New national action plan on antimicrobial resistance (AMR) 2023-2027 in Japan-newly implemented actions and strengthening points	<p><b>Dr. Motoyuki Sugai</b></p> <p>Director, Antimicrobial Resistance Research Center, NIID, Japan</p>
16:40-17:05	The use of whole genome sequencing for ending tuberculosis in Taiwan: drug resistance diagnosis and surveillance	<p><b>Dr. Ruwen Jou</b></p> <p>Research Fellow, Center for Diagnostics and Vaccine Development, Taiwan CDC</p>
17:05-17:30	Genomic surveillance of carbapenemase-producing Enterobacterales in Japan and other Asian countries	<p><b>Dr. Yo Sugawara</b></p> <p>Chief, Laboratory of AMR Genomics, Antimicrobial Resistance Research Center, NIID, Japan</p>
<b>18:00</b>	<b>Dinner</b>	

2023/09/01

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<b>Session 4: Collaboration studies between Taiwan CDC and NIID Japan</b> Moderator: Dr. Manabu Ato (Director, Department of Mycobacteriology, NIID, Japan) Dr. Shu-Ying Li (Director, Center for Diagnostics and Vaccine Development, Taiwan CDC)		
09:00-09:10	Impact of target site mutations on high level of pyrethroid resistance in dengue mosquito vectors, <i>Aedes albopictus</i> and <i>Aedes aegypti</i>	<b>Dr. Osamu Komagata</b> Chief, Laboratory of Vector Control and Pesticide Science, Department of Medical Entomology, NIID, Japan
09:10-09:20	Pyrethroid resistance surveillance of <i>Aedes aegypti</i> in Taiwan	<b>Mr. Han-Hsuan Chung</b> Assistant Researcher, Center for Diagnostics and Vaccine Development, Taiwan CDC
09:20-09:30	Molecular epidemiology and sequence analysis of dengue virus and chikungunya virus	<b>Dr. Cheng-Fen Yang</b> Associate Researcher, Center for Diagnostics and Vaccine Development, Taiwan CDC
09:30-09:40	Molecular mechanisms of antimicrobial resistance of <i>Mycobacterium tuberculosis</i>	<b>Dr. Shigetaro Mori</b> Chief, Laboratory of Tuberculosis Control, Department of Bacteriology II, NIID, Japan
09:40-09:50	Molecular mechanisms of antimicrobial resistance of <i>Mycobacterium tuberculosis</i>	<b>Ms. Yu-Xin Xiao</b> Assistant Researcher, Center for Diagnostics and Vaccine Development, Taiwan CDC
09:50-10:00	Surveillance and applied researches of drug resistant- <i>M. leprae</i>	<b>Dr. Manabu Ato</b> Director, Department of Mycobacteriology, NIID, Japan

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10:00-10:10	Diagnosis and surveillance of leprosy in Taiwan	<b>Ms. Hsin-Yi Liu</b> Assistant Technical Specialist, Center for Diagnostics and Vaccine Development, Taiwan CDC
<b>10:10-10:20</b>	<b>Coffee Break</b>	
10:20-10:30	Characterization of antimicrobial resistant <i>Salmonella enterica</i> (online)	<b>Dr. Hidemasa Izumiya</b> Chief, Laboratory of Enteric Infection II, Department of Bacteriology I, NIID, Japan
10:30-10:40	Antimicrobial resistance in non-typhoidal <i>Salmonella</i> in Taiwan	<b>Ms. Ying-Shu Liao</b> Technical Specialist, Center for Diagnostics and Vaccine Development, Taiwan CDC
10:40-10:50	Establishment of imaging-based live-dead assay system in the enteric protozoan parasite <i>Entamoeba histolytica</i>	<b>Dr. Kumiko Nakada-Tsukui</b> Senior Research Scientist, Laboratory of Protozoa, Department of Parasitology, NIID, Japan
10:50-11:00	Characteristic analysis of the interaction between amoebas and their endosymbionts	<b>Dr. Dar-Der Ji</b> Head & Associate Professor, Department of Tropical Medicine, National Yang Ming Chiao Tung University, Taiwan
11:00-11:10	Genomic analysis of two macrolide-resistant <i>Bordetella pertussis</i> isolates collected in Japan, 2018	<b>Dr. Kentaro Koide</b> Research Scientist, Laboratory of Pertussis Control, Department of Bacteriology II, NIID, Japan
11:10-11:20	<i>Bordetella pertussis</i> in Taiwan	<b>Dr. Chuen-Sheue Chiang</b> Associate Researcher, Center for Diagnostics and Vaccine Development, Taiwan CDC

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11:20-11:30	Analysis of MCR gene in carbapenem resistant <i>Klebsiella pneumoniae</i>	<b>Dr. Jung-Jung Mu</b> Research Fellow, Center for Diagnostics and Vaccine Development, Taiwan CDC
11:30-11:40	A case of <i>Naegleria fowleri</i> related meningoencephalitis is confirmed using next generation sequencing	
11:40-11:50	Molecular epidemiology of viral pathogens from community surveillance	<b>Dr. Kun-Lin Tsai</b> R & D Substitute Services Postdoctoral Research Fellow, Center for Diagnostics and Vaccine Development, Taiwan CDC
11:50-12:00	Molecular epidemiology and sequence analysis of influenza viruses in Taiwan	<b>Dr. Ming-Tsan Liu</b> Researcher, Center for Diagnostics and Vaccine Development, Taiwan CDC
12:00-12:10	<b>Closing Remarks</b> Dr. Jen-Hsiang Chuang (Director-General, Taiwan CDC) Dr. Tetsuro Matano (Deputy Director-General, NIID, Japan)	
<b>12:10-13:30</b>	<b>Lunch</b>	
<b>Session 5: Field Epidemiology Training Program, Program Activities and Field Investigations</b>		
13:30-	A seminar on FETP activities between Taiwan CDC and NIID Japan, for sharing outbreak investigation experience and other related activities	