

# ***The 21<sup>st</sup> Japan-Taiwan Symposium on Communicable Diseases and Prevention, and Collaborative Project Reports***

**Venue : NCGM (Main Conference Room)**

**【DAY 1】September 12, 2024 (※The time includes presentation and Q&A)**

<b>Time JST(TST)※</b>	<b>Topic</b>	<b>Speaker</b>
09:10-09:20 (08:10-08:20)	<b>Opening Remarks</b>  Dr. Takaji Wakita (Director-General, NIID, Japan) Dr. Norihiro Kokudo (President, NCGM, Japan) Dr. Jen-Hsiang Chuang (Director-General, Taiwan CDC) Mr. Akio Watanabe (Director-General of Trade and Economic Affairs Department, Japan-Taiwan Exchange Association, Tokyo Headquarters) Dr. Yu-Han Tsou (Senior Advisor & General Director, Science and Technology Division, Taipei Economic and Cultural Representative Office in Japan)	
09:20-09:30 (08:20-08:30)	<b>Group Photo (Invited Guests)</b>	
<b>Session 1: Preparedness and response for future pandemics including intelligence/surveillance, medical countermeasures, and laboratory networks</b>  Moderator: <b>Dr. Chin-Hui Yang</b> Director, Division of Acute Infectious Disease, Taiwan CDC <b>Dr. Tomoya Saito</b> Director, Center for Emergency Preparedness and Response, NIID, Japan		
09:30-09:50 (08:30-08:50)	Revision of pandemic planning in Japan	<b>Dr. Tomoya Saito</b> Director, Center for Emergency Preparedness and Response, NIID, Japan
09:50-10:10 (08:50-09:10)	Preparation and contingency planning of medical countermeasures for infectious diseases in Japan	<b>Dr. Norio Ohmagari</b> Deputy Director General of Center Hospital: Infectious Diseases and Health Security Director, Disease Control and Prevention Center Director, AMR Clinical Reference Center, NCGM, Japan
10:10-10:25 (09:10-09:25)	<b>Coffee Break</b>	

Time JST(TST)*	Topic	Speaker
10:25-10:45 (09:25-09:45)	Genomic surveillance of respiratory tract infection at the point of entry into Japan and search for unidentified pathogens	<b>Dr. Tsutomu Kageyama</b> Director, Laboratory Network Group, Center for Emergency Preparedness and Response, NIID, Japan
10:45-11:05 (09:45-10:05)	Restructuring Pandemic Response in Taiwan: Improving Communicable Disease Control Medical Network and Access to medical countermeasures	<b>Dr. Tsung-Pei Tsou</b> Medical Officer, Division of Preparedness and Emerging Infectious Diseases, Taiwan CDC
11:05-11:25 (10:05-10:25)	Laboratory networks for infectious disease diagnosis in Taiwan: perspective in the post COVID-19 era	<b>Dr. Ji-Rong Yang</b> Section Chief, Center for Diagnostics and Vaccine Development, Taiwan CDC
11:25-11:45 (10:25-10:45)	Modernizing Taiwan's infectious disease surveillance: A strategic roadmap	<b>Dr. Shu-Wan Jian</b> Section Chief, Epidemic Intelligence Center, Taiwan CDC
11:45-13:30 (10:45-12:30)	<b>Lunch (Meeting for future cooperation)</b>	

## Session 2: Hepatitis B and C prevention and control

Moderator:

**Dr. Jen-Hsiang Chuang**

Director-General, Taiwan CDC

**Dr. Takaji Wakita**

Director-General, NIID, Japan

13:30-13:50 (12:30-12:50)	Development of an intervention system for linkage-to-care and follow-up for hepatitis B and C virus carriers	<b>Dr. Hideki Aizaki</b> Chief, Laboratory of Hepatitis viruses I, Department of Virology II, NIID, Japan
13:50-14:10 (12:50-13:10)	Strategies and Actions to Eliminate HBV infection	<b>Dr. Jia-Horng Kao</b> Chair Professor, Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine Vice Superintendent, National Taiwan University Hospital
14:10-14:30 (13:10-13:30)	Strategies for HCV elimination in Japan: Achievement and challenges as assessed by performance indicators	<b>Dr. Tatsuya Kanto</b> Director General, The Research Center for Hepatitis and Immunology, NCGM, Japan
14:30-14:50 (13:30-13:50)	Addressing hepatitis C outbreaks: A collaborative approach between laboratories and health authorities	<b>Dr. Pei-Yuan Wu</b> Medical Officer, Center for Diagnostics and Vaccine Development, Taiwan CDC

Time JST(TST)*	Topic	Speaker
14:50-15:05 (13:50-14:05)	Coffee Break	
<b>Session 3: Vector-borne diseases, tick-borne, SFTS, and dengue fever</b>  Moderator: <b>Dr. Ming-Tsan Liu</b> Director, Center for Diagnostics and Vaccine Development, Taiwan CDC <b>Dr. Chang Kweng Lim</b> Chief, Laboratory of Arboviruses, Department of Virology I, NIID, Japan		
15:05-15:25 (14:05-14:25)	<i>Aedes albopictus</i> in Japan: global warming, invasion, and insecticide resistance	<b>Dr. Shinji Kasai</b> Director, Department of Medical Entomology, NIID, Japan
15:25-15:45 (14:25-14:45)	The Epidemiology of Dengue and the promotion and Application of NS1 Rapid Test in Taiwan	<b>Dr. Chin-Hui Yang</b> Director, Division of Acute Infectious Disease, Taiwan CDC
15:45-16:05 (14:45-15:05)	Epidemiology of SFTSV in Japan	<b>Dr. Keita Ishijima</b> Senior Research Scientist, Department of Veterinary Science, NIID, Japan
16:05-16:25 (15:05-15:25)	Serological assays for mosquito-borne infectious diseases	<b>Mr. Tung-Chien Hsu</b> Specialist, Center for Diagnostics and Vaccine Development, Taiwan CDC
<b>Session 4: AMR</b>  Moderator: <b>Dr. Jia-Horng Kao</b> Chair Professor, Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine Vice Superintendent, National Taiwan University Hospital <b>Dr. Takuya Yamagishi</b> Chief, Laboratory of Field Epidemiology, Antimicrobial Resistance Research Center, NIID, Japan		
16:25-16:45 (15:25-15:45)	The Trial of One Health Surveillance Based on the WHO Tricycle Project	<b>Dr. Shizuo Kayama</b> Chief, Laboratory of One Health Research, Antimicrobial Resistance Research Center, NIID, Japan
16:45-17:05 (15:45-16:05)	Introduction of AMR platform for regional collaboration and feedback(online presentation)	<b>Dr. Nobuaki Matsunaga</b> Deputy Director, Chief of division of clinical epidemiology, AMR Clinical Reference Center, NCGM, Japan
17:05-17:25 (16:05-16:25)	Preparing for the Next Pandemic in the Era of Antimicrobial Resistance	<b>Dr. Wan Chin Chen</b> Director, Division of Infection Control and Biosafety, Taiwan CDC
18:00 (17:00)	Dinner	

**【DAY 2】September 13, 2024** (※The time includes presentation and Q&A)

Time JST(TST)※	Topic	Speaker
<b>Session 5: Collaboration studies between NIID Japan and Taiwan CDC</b>  Moderator: <b>Dr. Ming-Tsan Liu</b> Director, Center for Diagnostics and Vaccine Development, Taiwan CDC <b>Dr. Tetsuro Matano</b> Deputy Director-General, NIID, Japan <b>Dr. Manabu Ato</b> Director, Department of Mycobacteriology, NIID, Japan		
09:00-09:10 (08:00-08:10)	Molecular epidemiology and sequence analysis of dengue virus and chikungunya virus	<b>Dr. Chang Kweng Lim</b> Chief, Laboratory of Arboviruses, Department of Virology I, NIID, Japan
09:10-09:20 (08:10-08:20)	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
09:20-09:30 (08:20-08:30)	Current Status of Pyrethroid Resistance in vector mosquitoes in Japan	<b>Dr. Osamu Komagata</b> Chief, Laboratory of Vector Control and Pesticide Science, Department of Medical Entomology, NIID, Japan
09:30-09:40 (08:30-08:40)	Development of a Rapid Detection Method for Pyrethroid Resistance Genes in <i>Aedes aegypti</i> in Taiwan	<b>Dr. I-Jung Tsai</b> Postdoctoral Research Fellow, Center for Diagnostics and Vaccine Development, Taiwan CDC
09:40-09:50 (08:40-08:50)	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
09:50-10:00 (08:50-09:00)	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
10:00-10:10 (09:00-09:10)	Surveillance and applied researches of drug resistant- <i>M. leprae</i>	<b>Dr. Manabu Ato</b> Director, Department of Mycobacteriology, NIID, Japan
10:10-10:20 (09:10-09:20)	Diagnosis and surveillance of leprosy in Taiwan	<b>Dr. Ruwen Jou</b> Research Fellow, Center for Diagnostics and Vaccine Development, Taiwan CDC

Time JST(TST)*	Topic	Speaker
10:20-10:30 (09:20-09:30)	Propagating genetically and antigenically diverse human sapovirus strains using a human duodenal cell line	<b>Dr. Tomoichiro Oka</b> Senior Research Scientist, Department of Virology II, NIID, Japan
10:40-10:50 (09:40-09:50)	Community surveillance of viral pathogens and established diagnosis methods applied on novel pathogens	<b>Dr. Fang-Tzy Wu</b> Senior Technical Specialist, Center for Diagnostics and Vaccine Development, Taiwan CDC
10:50-11:05 (09:50-10:05)	<b>Coffee Break</b>	
11:05-11:15 (10:05-10:15)	Genome analysis of macrolide resistant <i>Bordetella pertussis</i> isolated in Japan	<b>Dr. Kentaro Koide</b> Senior Research Scientist, Laboratory of Pertussis Control, Department of Bacteriology II, NIID, Japan
11:15-11:25 (10:15-10:25)	<i>Bordetella pertussis</i> in Taiwan	<b>Dr. Chuen-Sheue Chiang</b> Associate Researcher, Center for Diagnostics and Vaccine Development, Taiwan CDC
11:25-11:35 (10:25-10:35)	Comparative molecular epidemiology of carbapenem-resistant Enterobacterales between Taiwan and Japan	<b>Dr. Satowa Suzuki</b> Chief, Division 1, Antimicrobial Resistance Research Center, NIID, Japan
11:35-11:45 (10:35-10:45)	Analysis of co-harboring <i>mcr-1</i> and <i>bla</i> <sub>IMP-8</sub> in a Clinical Isolate in Taiwan	<b>Dr. Jung-Jung Mu</b> Research Fellow, Center for Diagnostics and Vaccine Development, Taiwan CDC
	A case of rare pathogen related brain abscess is confirmed using next generation sequencing	
11:45-11:55 (10:45-10:55)	Development of new research techniques to analyze the functions of <i>Entamoeba histolytica</i>	<b>Dr. Kumiko Nakada-Tsukui</b> Senior Research Scientist, Laboratory of Protozoa, Department of Parasitology, NIID, Japan
11:55-12:05 (10:55-11:05)	Molecular epidemiology of protozoan diseases- reviewing sampling and diagnosis of amoebiasis patients	<b>Dr. Dar-Der Ji</b> Head & Associate Professor, Department of Tropical Medicine, National Yang Ming Chiao Tung University, Taiwan
12:05-12:15 (11:05-11:15)	Global seasonal influenza activity: A focus on Japan	<b>Dr. Shinji Watanabe</b> Chief, Laboratory of Influenza Virus Surveillance, Research Center for Influenza and Respiratory Viruses, NIID, Japan

Time JST(TST)*	Topic	Speaker
12:15-12:25 (11:15-11:25)	Monitoring influenza activities in Taiwan	<b>Dr. Yao-Tsun Li</b> Associate research fellow, Center for Diagnostics and Vaccine Development, Taiwan CDC
12:25-12:35 (11:25-11:35)	Characterization of antimicrobial resistant <i>Salmonella enterica</i>	<b>Dr. Hidemasa Izumiya</b> Chief, Laboratory of Enteric Infection II, Department of Bacteriology I, NIID, Japan
12:35-12:45 (11:35-11:45)	Antimicrobial resistance of <i>Campylobacter</i> spp. in Taiwan	<b>Dr. Hsiao-Lun Wei</b> Associate Researcher, Center for Diagnostics and Vaccine Development, Taiwan CDC
12:45-12:55 (11:45-11:55)	<b>Closing Remarks</b>  Dr. Tetsuro Matano (Deputy Director-General, NIID, Japan) Dr. Hideyo Miyazaki (Hospital Director, Center Hospital of the NCGM, Japan) Dr. Jen-Hsiang Chuang (Director-General, Taiwan CDC)	
12:55-14:00 (11:55-13:00)	<b>Lunch</b>	
<b>Session 6: FETP activities between NIID Japan and Taiwan CDC</b>  Venue: NIID CFEIR, 2-7-2 Fujimi, Chiyoda-ku, Tokyo (Near Iidabashi Station)		
14:00-	<b>2024 Japan-Taiwan FETP Seminar</b>	
<b>NIID Site Visit</b>		
14:00-	<b>Emergency Operations Center, NIID</b> Move to NIID (10mins walk)	