

PROGRAM

Day 1: January 11, 2012

08:00–09:00 Registration

Opening Remarks (09:00 – 09:20)

- 09:00–09:05 Ministry of Education, Culture, Sports, Science & Technology (MEXT)
09:05–09:10 Dr. Yoshiyuki Nagai, Program Director, J-GRID
09:10–09:15 Dr. Amin Soebandrio, Senior Adviser to the Minister, Ministry of Research & Technology (RISTEK), Republic of Indonesia
09:15–09:20 Dr. Hideki Fukuda, President, Kobe University

Welcome Greetings from Indonesia – Japan CRC-ERID (09:20 – 10:00)

- 09:20–09:30 Introduction (Dr. Hak Hotta, Kobe University)
09:30–09:45 Greetings from Indonesian Director, CRC-ERID (Dr. Nasronudin, Airlangga University)
09:45–10:00 Greetings from Japanese Director, CRC-ERID (Dr. Yoshitake Hayashi, Kobe University)

Introduction of Associate Members (10:00–10:10)

- 10:00–10:05 Niigata University (Myanmar)
10:05–10:10 Nagasaki University (Kenya)

Coffee Break (10:10 – 10:30)

Session 1 : Influenza (10:30 – 11:30)

(Modulators : Dr. Kyoko Shinya & Dr. Hualan Chen)

- 10:30 – 10:45 **2009 Pandemic influenza virus: what special for its HA and NA? (O-1)**
George F Gao
- 10:45 – 11:00 **Summary report of pandemic 2009 influenza A (H1N1) patients in Dr. Soetomo Hospital Surabaya Indonesia (O-2)**
Laksmi Wulandari, Justinus Frans Palilingan, Landia Setiawati, Retno Asih Setyoningrum, Lindawati Alim Sarjono, Endang Retnowati, Phillia Setiawan, Kohar Hari Santoso, Bambang Wahjuprajitno, Resti Yudhawati, Emmanuel Djoko Poetranto, Aldise Mareta Nastri, Luh Ade Wilan Krisna, Teridah Ermala Ginting, Masaoki Yamaoka, Akiko Makino, Kyoko Shinya, and Yoshihiro Kawaoka
- 11:00 – 11:15 **Characterization of influenza A viruses isolated from wild waterfowl in Zambia (O-3)**
Edgar Simulundu, Akihiro Ishii, Manabu Igarashi, Aaron S. Mweene, Yuka Suzuki, Hirohito Ogawa, Emiko Nakagawa, Bernard M. Hang'ombe, Boniface Namangala, Ladslav Moonga, Rashid Manzoor, Kimihito Ito, Ichiro Nakamura, Hirofumi Sawa, Chihiro Sugimoto, Hiroshi Kida, Chuma Simukonda, Wilbroad Chansa, Jack Chulu, and Ayato Takada
- 11:15 – 11:30 **A duck enteritis virus-vectored bivalent live vaccine provides fast and complete protection against H5N1 avian influenza virus in ducks (O-4)**
Jinxiong Liu, Pucheng Chen, Yongping Jiang, Li Wu, Xianying Zeng,

Guobin Tian, Jinying Ge, Yoshihiro Kawaoka, Zhigao Bu, and Hualan Chen

Session 2 : Viral Hepatitis (11:30 – 12:00)

(Modulators : Dr. Takako Utsumi & Dr. Maria Inge Lusida)

- 11:30 – 11:45 **High prevalence of occult hepatitis B infection among school children in a “mixed- subtype” area in Indonesia (O-5)**
Maria I. Lusida, Takako Utsumi, Juniastuti, Yoshihiko Yano, Mochamad Amin, Nursidah, Priyo B. Purwono, Soetjipto, Yoshitake Hayashi, Hak Hotta
- 11:45 – 12:00 **Nosocomial transmission as a factor in high prevalence of hepatitis B and C among hemodialysis patients in Yogyakarta, Indonesia (O-6)**
Hanggoro Tri Rinonce, Yoshihiko Yano, Takako Utsumi, Didik Setyo Heriyanto, Nungki Anggorowati, Heru Prasanto, Maria Inge Lusida, Soetjipto, Hak Hotta, Yoshitake Hayashi

Lunch (12:00 – 13:00)

Special Lecture ; Natural Calamity and Infectious Diseases 1 (13:00 – 13:40)

(Modulator : Dr. Yoshifumi Takeda)

- 13:00 – 13:40 **In pursuit of the intercontinental transmission of cholera: the origin and spread of cholera in Haiti (S-1)**
G. Balakrish Nair, D. Lantagne, C. F. Lanata and A. Cravioto

Session 3: Gastrointestinal Infections (13:40 – 14:40)

(Modulators : Dr. Shin-ichi Miyoshi & Dr. G. Balakrish Nair)

- 13:40 – 13:55 **Detection of the traits of Haitian variant strains of *Vibrio cholerae* in Kolkata, India since 2006 (O-7)**
A. Naha, G. P. Phazani, M. Ganguly, S. Ghosh, T. Ramamurthy, R.K. Nandy, G.B. Nair, Y. Takeda, A.K. Mukhopadhyay
- 13:55 – 14:10 **Etiology of enteric pathogens among diarrheal children: Comparative analysis of hospitalized cases and outpatients in Kolkata, India (O-8)**
T. Ramamurthy, G. B. Nair, M. K. Bhattacharya, U. Mitra, T. Krishnan, S. Ganguly, D. R. Saha, K. Rajendran, B. Manna, M. Ghosh, M. Chatterjee and Y. Takeda
- 14:10 – 14:25 **Molecular characterization of the major gastroenteritis pathogens in hospitalized children in Thai Binh, Viet Nam (O-9)**
Nguyen Van Trang, Toyoko Nakagomi, Vu Thi Bich Hau, Le Thi Kim Anh, Nguyen Anh Tuan, Nguyen Thi Minh Chinh, Doan Hai Yen, Tetsu Yamashiro, Dang Duc Anh and Osamu Nakagomi
- 14:25 – 14:40 **Prevalence of diarrheagenic *Escherichia coli* among children in Surabaya, Indonesia (O-10)**
Yoshio Iijima, Dadik Rahardjo, Garry Cores De Vries, Shouhiro Kinoshita, Ro Osawa, and Toshiro Shirakawa

Coffee Break (14:40 – 15:00)

Session 4 : Parasitic, Bacterial & Viral Systemic Infections (15:00 – 16:00)

(Modulators : Dr. Nobuo Ohta & Dr. Samuel Dadzie)

- 15:00 – 15:15 **Identification of Coxsackievirus A20 as the recombinant counterpart**

- of type 1 cVDPV in the Philippines (O-11)**
Lea Necitas Apostol, Hiroyuki Shimizu, Akira Suzuki , Asif Naeem, Socorro Lupisan, Remigio Olveda, Hitoshi Oshitani
- 15:15 – 15:30 ***Streptococcus suis* infection in humans in Thailand (O-12)**
Dan Takeuchi, Anusak Kerdsin, Tatsuya Nakayama, Yukihiro Akeda, Shota Nakamura, Tetsuya Iida, Shigeyuki Hamada, Surang Dejsirilert, Kazunori Oishi
- 15:30 – 15:45 **The use of loop-mediated isothermal amplification (LAMP) in detection of *Trypanosoma brucei rhodesiense* in clinical samples from Luangwa and Zambezi Valleys, Zambia (O-13)**
Boniface Namangala, Noboru Inoue, Martin Simuunza, Dusit Laohasinnarog, Kyoko Hayashida, Aaron Mweene, Ladslav Moonga, Amos Chota, Kiichi Kajino, Chihiro Sugimoto
- 15:45 – 16:00 **Bio-efficacy, user perception and acceptability of some selected pyrethroid-based mosquito coils in controlling *An. gambiae s.l.*, a malaria vector in some parts of the Greater Accra region of Ghana (O-14)**
Samuel Dadzie, Samuel Adu-Acheampong, Rosina Kyerematen, Jacob Williams, Takashi Suzuki , Nobuo Ohta, Maxwell Appawu, Daniel Boakye

Poster Viewing & Discussion (16:00 – 17:00)

(J-GRID Committee Meeting) (17:00 – 18:30)

Reception (18:30 – 20:30)

Day 2: January 12, 2012

Session 5 : Dengue & Arthropod-Borne Infections (09:00 – 10:00)

(Modulators : Dr. Kouichi Morita & Dr. Le Quynh Mai)

- 09:00 – 09:15 **Characterization of dengue 1 epidemic strains in Hanoi, Vietnam in 2009 (O-15)**
Futoshi Hasebe , Takashi Tsunoda, Takeshi Nabeshima , Kenta Okamoto , Toru Kubo , Posadas-Herrera Guillermo , Nguyen Thi Thu Thuy , Dang Thi Dinh , Pham Hoai Linh Ly , Nguyen Bao Ngoc , Nguyen Hoang Le , Ataru Tsuzuki, Nguyen Thi Yen , Tran Vu Phong , Le Thi Quynh Mai and Kouichi Morita
- 09:15 – 09:30 **Complement levels correlated with disease severity in dengue patients in Indonesia (O-16)**
Atsushi Yamanaka, Eryk Hendrianto, Kris C. Mulyatno, Helen Susilowati, Amor P. Ginting, Dian D. Sary, Soegeng Soegijanto and Eiji Konishi
- 09:30 – 09:45 **Identification of a novel inhibitor against dengue virus NS2B/NS3 protease by a structure-based study (O-17)**

- Sabar Pambudi, Norihito Kawashita, Promsin Masrinoul, Kriengsak Limkittikul, Teruo Yasunaga, Tatsuya Takagi, Kazuyoshi Ikuta, and Takeshi Kurosu
- 09:45 – 10:00 **Surveillance of infection with Japanese encephalitis virus and hepatitis E virus among swine in northern Luzon, Philippines (O-18)**
 Fedelino F. Malbas Jr., Mariko Saito, Yusuke Sayama, Hazel Galang, Socorro P. Lupisan, Remigio M. Olveda, Hitoshi Oshitani

Session 6 : Tuberculosis & Respiratory Infections (10:00 – 11:00)

(Modulators : Dr. Hitoshi Oshitani & Dr. Remigio Oldeva)

- 10:00 – 10:15 **Molecular genotyping of *Mycobacterium tuberculosis* isolated from Hanoi City in Viet Nam (O-19)**
 Shinji Maeda, Nguyen Van Hung, Luu Thi Lien, Nguyen Thi Le Hang, Nobuyuki Kobayashi, Shinsaku Sakurada, Naoto Keicho
- 10:15 – 10:30 **Molecular characterization of drug resistant *Mycobacterium tuberculosis* from Asian countries (O-20)**
 Yasuhiko Suzuki , Zeaur Rahim, Aki Tamaru, Basu Dev Pandey, Bhagwan Maharjan, Khin Saw Aye, Ajay Poudel, Yukari Fukushima, Haruka Suzuki and Chie Nakajima
- 10:30 – 10:45 **Etiology and clinical presentation of childhood pneumonia in the Eastern Visayas Regional Medical Center, Tacloban City, Western Visayas, Central Philippines (O-21)**
 S. Lupisan, A. Suzuki, L. Sombrero, H. Galang, M. Mondoy, R. Aniceto, F.de la Pena, R. Angulo, R. Olveda¹, H. Oshitani
- 10:45 – 11:00 **Respiratory Syncytial virus is the major viral pathogen and its co-infection with other respiratory viruses increases the risk of pediatric pneumonia hospitalization: A three-year population-based study in central Vietnam (O-22)**
 Lay Myint Yoshida, Motoi Suzuki, Hiroshi Yoshino, Hien Anh Nguyen, Thiem Vu Dinh, Le Huu Tho, Le Mai Quynh, Hiroyuki Moriuchi, Duc Anh Dang and Koya Ariyoshi

Special Lectures ; Natural Calamity and Infectious Diseases 2 (11:00 – 12:20)

(Modulator : Dr. Hak Hotta)

- 11:00 – 11:20 **Prevention and control of communicable diseases during and after big flood in Thailand, 2011 (S-2)**
Pathom Sawanpanyalert and Jotika Boonlong
- 11:20 – 11:40 **Infectious diseases after Tsunami. Aceh (Indonesia) experience (S-3)**
Nasronudin, Maria I Lusida, Juniastuti
- 11:40 – 12:00 **Infectious disease risk and public health recovery after the Great East Japan Earthquake (S-4)**
Hitoshi Oshitani, Taro Kamigaki, Michiko Okamoto, Kentaro Tohma, Nao Nukiwa and Akira Suzuki
- 12:00 – 12:20 **Communicable diseases after the Great East Japan Earthquake (S-5)**
Kentaro Iwata

Lunch (12:20 – 13:15)

Poster Viewing & Discussion (13:15 – 14:15) (Coffee will be served.)

Session 7 : HIV & AIDS (14:15 – 15:15)

(Modulators : Dr. Aikichi Iwamoto & Dr. Pathom Sawanpanyalert)

- 14:15 – 14:30 **Evaluation of the current first-line ART for AIDS patients in Ghana (O-23)**
Yaw O. Amoah, Afia A. Ntim, Jacob Barnor, James A.M. Brandful, William K. Ampofo, Evelyn Bonney, Samson B. Ofori, Koichi Ishikawa, Alexander K. Nyarko, Shoji Yamaoka, Eiji Ido
- 14:30 – 14:45 **The establishment of a hospital-based cohort of HIV-infected individuals in Vietnam: The NHTD-ACC Collaborative HIV Cohort Study (NACH cohort) (O-24)**
Junko Tanuma, Fumihide Kanaya, Nguyen Thi Bich Ha, Cao Thi Thanh Thuy, Daisuke Mizushima, Koji Watanabe, Hiroyuki Gatanaga, Nguyen Van Kinh, Shinichi Oka
- 14:45 – 15:00 **Anti-HIV-1 humoral immune responses in HIV-1-infected Thai patients (O-25)**
Masanori Kameoka, Sompong Sapsutthipas, Siriwat Akapirat, Naho Tsuchiya, Panita Pathipavanich, Koya Ariyoshi, Pathom Sawanpanyalert, Kazuyoshi Ikuta, Pornsawan Leungwutiwong, Pongrama Ramasoota, Panasda Isarangkura-na-ayuthaya
- 15:00 – 15:15 **Designing new split proteins by using GFP as “beta-tweezers” (O-26)**
Hirohito Ishikawa, Fanxia Meng, Aikichi Iwamoto and Zene Matsuda

Session 8 : Diagnostic Technology Innovation (15:15 – 16:00)

(Modulators : Dr. Ayato Takada & Dr. Boniface Namangala)

- 15:15 – 15:30 **Rapid detections, quick countermeasures and investigations for *Vibrio cholerae* O1 in Thailand (O-27)**
Kazuhisa Okada
- 15:30 – 15:45 **Metagenomic diagnosis of infectious diseases (RAPID): 2011 update (O-28)**
Toshihiro Horii
- 15:45 – 16:00 **Rapid and comprehensive identification of virus strains by using LC tandem-MS method (O-29)**
Kouichi Morita, Kenta Okamoto, Shingo Inoue, Takeshi Nabeshima, Posadas H. Guillermo, Fuxun Yu, Nguyen Thanh Thuy, Bui Minh Trang, Vu Sinh Nam, Phan Thi Nga, Le Q. Mai, Nguyen Tran Hien, Filipinas F. Natividad, Futoshi Hasebe

Session 9 : From the Influenza Research Consortium (16:00 – 16:50)

(Modulator : Dr. Yoshihiro Kawaoka)

- 16:00 – 16:40 **Introduction**
Yoshihiro Kawaoka
Development of receptor glycan microarray to survey host specificity of H5N1 influenza viruses
Shin-ichi Nakakita, Jun Hirabayashi, Hisashi Narimatsu, Nongluk Sriwilaijaroen, Keita Yamada, Hiromi Ito, Hiroaki Hiramatsu and Yasuo Suzuki
Development of RT-SmartAmp assay method for one-step detection of highly pathogenic H5N1 influenza A virus
Kengo Usui, Chiharu Kawakami, Yasumasa Kimura, Hiroko Kinoshita, Yuko Sakai-Tagawa, Yoshihiro Kawaoka, Yoshiyuki Nagai, Yoshihide

Hayashizaki, Toshihisa Ishikawa

Impact of pandemic and seasonal influenza on pediatric ARI in Central Vietnam

Le Minh Nhat, Lay Myint Yoshida, Hiroshi Yoshino, Motoi Suzuki, Hien Anh Nguyen, Thiem Vu Dinh, Le Huu Tho, Hiroyuki Moriuchi, Duc Anh Dang and Koya Ariyoshi

Sero-prevalence of influenza A virus among schoolchildren in Indonesia

Kiyoko Iwatsuki-Horimoto, Chairul A Nidom, Ema Qurnianingsih, Winariani Koesoemoprodjo, Reviany V.Nidom, Setyarina Indrasari, Kadek Rahmawati, Burhan Hidayat, Evi D.Woelansari, Shinya Yamada, Maki Kiso, Yoshihiro Kawaoka

Genetic characterization of chicken H5N1 influenza viruses isolated in Indonesia in 2010

Shinya Yamada, Chairul A. Nidom, Reviany V. Nidom, Kadek Rahmawati, Muhamad Y. Alamudi, Kholik, Setyarina Indrasari, Ratnani S Hayati, Kiyoko Iwatsuki Horimoto, and Yoshihiro Kawaoka

Avian influenza virus surveillance in duck farms and live-bird markets in Northern Vietnam

Tatsufumi Usui, Kozue Hotta, Kosuke Soda, Hiroki Takakuwa, Mai Quynh Le, Lien Song Phuong, Hiroshi Ito, Hiroichi Ozaki, Ryota Tsunekuni, Etsuro Ono, Toshiyuki Murase, Tsuyoshi Yamaguchi, Koichi Otsuki, Tetsu Yamashiro, Toshihiro Ito

Swine influenza surveillance in the Philippines

Akira Suzuki, Fidel Malbas, Michiko Okamoto, Hidekazu Nishimura, Dai Yamamoto, Mariko Saito, Socorro Lupisan, Remigio Olveda, Hitoshi Oshitani

Expansion of swine influenza surveillance in Thailand

Yasuaki Hiromoto, Sujira Parchariyanon, Somchuan Ratanamungklanon, Naree Ketusing, Punnaporn Netrabukkana, Nobuhiro Takemae, Yuko Uchida, Takehiko Saito

16:40 – 16:50 **Discussion (Q&A)**

Closing Remarks (16:50 – 17:00)

16:50–16:55 Ministry of Education, Culture, Sports, Science & Technology (MEXT)

16:55–17:00 Dr. Akira Negi, Dean, Kobe University Graduate School of Medicine