

# Workshop on the Influenza Researches of J-GRID: The Inaugural Meeting of the Influenza Consortium

Date: July 16 (Fri), 2010

Venue: Tomy Hall, Hospital Building 8F

The Institute of Medical Science, The University of Tokyo

Organized by: Ministry of Education, Culture, Sports, Science and Technology (MEXT)

Organizing committee: Hiroshi Kida (Hokkaido University)

Hitoshi Oshitani (Tohoku University)

Yoshihiro Kawaoka (IMS, the University of Tokyo)

## PROGRAM

### 9:00~11:30: Vietnam

#### NIHE – Nagasaki University Friendship Laboratory (NNFL)

9:00~9:05 *Tetsu Yamashiro (NNFL)*

Introduction of influenza researches in the Vietnam Research Station in 2006–2009

9:05~9:15 *Lay Myint Yoshida (Nagasaki University)*

Impact of influenza and other respiratory viruses on acute respiratory infection cases in Nha Trang, Vietnam

9:15~9:25 *Hiroki Takakuwa (Kyoto Sangyo University)*

Molecular epidemiology of avian influenza in northern Vietnam

9:25~9:35 *Toru Kubo (Nagasaki University)*

Development of a panel of RT-LAMP assays for pandemic and seasonal influenza viruses and the possibility of its clinical implementation

9:35~9:45 *Tetsu Yamashiro (NNFL)*

Construction of a human Fab library and molecular cloning of human monoclonal Fabs with neutralizing potencies against Influenza A subtype H5N1 strains

9:45~10:10 **Discussion**

**10:10~10:25 Break**

**NCGM – Bach Mai Hospital Medical Collaboration Center (MCC)**

**10:25~10:30 Koichiro Kudo (NCGM)**

Overview of influenza research

**10:30~10:40 Pham Thi Phuong Thuy (Bach Mai Hospital), Toshie Manabe (NCGM)**

Comprehensive Therapy for Human H5N1; Effectiveness of Educational Interventions

**10:40~11:50 Nguyen Dang Tuan (Bach Mai Hospital), Shinyu Izumi (NCGM)**

Updated outcomes for Comprehensive Therapy for Human H5N1

**10:50~11:00 Maria Eugenia Vazquez Manriquez, Anjarath Lorena Higer Iglesias  
(Instituto Nacional de Enfermedades Respiratorias)**

Cooperative research projects between INER and DCC relating to Pandemic (H5N1) 2009

**11:00~11:25 Discussion**

**11:25~12:10: Indonesia**

**Collaborative Research Center for Emerging and Reemerging Infectious Diseases  
(CRC-ERID)**

**11:25~11:30 Kyoko Shinya (Graduate School of Medicine, Kobe University)**

Introduction of influenza virus research activities in Indonesia during 2008–2010

**11:30~11:40 Teridah Ernala Ginting (Graduate School of Medicine, Kobe University)**

Summary of influenza virus research activities in Indonesia during 2008–2010.

**11:40~11:50 Kadek Rachmawati (ITD, Airlangga University, Indonesia)**

Surveillance of H5N1 avian influenza viruses in live bird market in Sumatra and on Java Island, Indonesia during 2009–2010.

**11:50~12:15 Discussion**

**12:15~13:15 Lunch**

**13:15~14:30: Thailand**

**Thailand–Japan Research Collaboration Center on Emerging and Reemerging Infections  
(RCC-ERI)**

**13:15~13:20 Naokazu Takeda (RCC-ERI)**

Summary of influenza research in Thailand, 2005–2009

**13:20~13:30** *Yonggang Li (RCC-ERI)*

Characterization of Influenza Viruses from Thailand

**13:30~13:40** Discussion

#### **Thailand–Japan Zoonotic Diseases Collaboration Center (ZDCC)**

**13:40~13:45** *Takehiko Saito (National Institute of Animal Health, NIAH)*

Summary of influenza research in Thailand, 2005–2009

**13:45~13:55** *Yasuaki Hiromoto (ZDCC)*

Swine influenza surveillance in Thailand and Neighboring Countries

**13:55~14:05** *Tsuyoshi Hayashi (ZDCC)*

Pathogenicity of Thailand H5N1 highly pathogenic avian influenza viruses isolated from wild birds in mice, chicken and pigeon

**14:05~14:30** Discussion

#### **14:30~15:55: Philippines**

#### **Tohoku–RITM Collaborating Research Center on Emerging and Reemerging Diseases**

**14:30~14:40** *Taro Kamigaki (Tohoku University)*

Overview of Influenza Research Activities in the Philippines

**14:40~14:50** *Christine Joy C. Dureza (RITM)*

Enhanced surveillance study to estimate influenza burden of disease in Baguio

**14:50~15:00** *Edelwisa Segubre Mercado (RITM)*

Molecular Biological Analysis of the Influenza in the Philippines

**15:00~15:25** Discussion

#### **15:25~15:35 Break**

#### **15:35~17:00: China**

#### **China–Japan Joint Research Group on Avian Influenza Virus**

**15:35~15:40** *Kiyoko Iwatsuki–Horimoto (IMSUT)*

Japan–China collaboration on influenza research

**15:40~15:50** *Gouxun Zhong (Harbin Veterinary Research Institute (HVRI))*

PA and PB1 are important for the virulence of H5N1 influenza viruses in mammals

**15:50~16:00** *Jiasheng Song (Harbin Veterinary Research Institute (HVRI))*

The PA protein contributes to the virulence of H5N1 avian influenza viruses in ducks

**16:00~16:10** *Shinya Yamada (Institute of Medical Science, University of Tokyo)*

Biological and structural characterization of a host-adapting amino acid in influenza virus

**16:10~16:35** Discussion

**16:35~17:55: Global Surveillance, Research and Education of Influenza**

**Graduate School of Veterinary Medicine, Hokkaido University**

**Research Center for Zoonosis Control, Hokkaido University**

**Hokudai Center for Zoonosis Control, University of Zambia**

**16:35~16:50** *Hiroshi Kida (Hokkaido University)*

Programme of Excellence in Influenza

**16:50~17:00** *Yoshihiro Sakoda (Graduate School of Veterinary Medicine)*

Construction of influenza virus library consisting of 144 known HA and NA subtype combinations for the use of vaccine and antigen preparation

**17:00~17:10** *Ayato Takada (Research Center for Zoonosis Control)*

Genetic characterization of avian influenza viruses isolated in Zambia

**17:10~17:20** *Kimihito Ito (Research Center for Zoonosis Control)*

Prediction of amino acid substitutions on the hemagglutinin molecules of antigenic variants of influenza A virus

**17:20~17:45** Discussion

**17:45~18:50** Discussion

**19:00~** Reception