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Hiroki Takakuwa
Kyoto Sangyo University

Nobuhiro Takemae
National Institute of Animal Health

Yoshihiro Kawaoka
University of Tokyo

5th
Japan — China
Bilateral
Symposium
on Influenza

2011. 1. 25. tue.

Bing Xu
Tsinghua University

Xin Ye
Chinese Academy of Sciences

George Fu Gao
Chinese Academy of Sciences

Institute of Medical Science, University of Tokyo
Lecture Hall

Rongbao Gao
Chinese National Influenza Center

Jianfang Zhou
Chinese National Influenza Center

Yuelong Shu
Chinese National Influenza Center

Meilin Jin
Huazhong Agricultural University

Ming Liao
South China Agricultural University

Xiufan Liu
Yangzhou University

Hualan Chen
Harbin Veterinary Research Institute

AGENDA

January 25 (Tue)

Opening Ceremony

- 9:00- Opening Remarks
Yoshihiro Kawaoka (University of Tokyo)
George Fu Gao (Chinese Academy of Sciences)
Yuelong Shu (Chinese National Influenza Center)

Session 1 Chair: Yoshihiro Kawaoka (University of Tokyo)

- 9:15- Climatological and geographical impacts on global pandemic of 2009 A (H1N1) influenza
Bing Xu (University of Utah, USA; Tsinghua University, China)
- 9:35- A national seroprevalence survey to estimate the seroprevalence of pandemic influenza H1N1 (2009) virus infection in China
Yuelong Shu (Chinese National Influenza Center, China)
- 9:55- Monitoring and characterizations of antiviral drug resistant pandemic A/H1N1 influenza viruses in Japan
Masato Tashiro (National Institute of Infectious Diseases, Japan)
- 10:15- Reducing Severity of Pneumonia by Early anti-viral treatment for Pandemic H1N1 2009
Koichiro Kudo (National Center for Global Health and Medicine, Japan)
- 10:35- coffee break

Session 2 Chair: Hualan Chen (Chinese Academy of Agricultural Sciences)

- 10:45- 2009 Pandemic influenza virus: what special for its HA and NA?
George Fu Gao (Chinese Academy of Sciences, China)
- 11:05- Changes of receptor binding properties associated with adaptation of classical swine H1 influenza viruses in chicken embryonated eggs
Nobuhiro Takemae (National Institute of Animal Health, Japan)
- 11:25- N-glycans from porcine trachea and lung: Predominant Neu5Ac α 2-6Gal could be a selective pressure for influenza variants in favor of human-type receptor
Yasuo Suzuki (Chubu University, Japan)
- 11:45- Lunch

Session 3 Chair: George Fu Gao (Chinese Academy of Sciences)

- 13:00- Cyclin T1/CDK9 interacts with influenza A viral polymerase and facilitates its association with cellular RNA Polymerase II
Xin Ye (Chinese Academy of Sciences, China)
- 13:20- Differential activation of NK cells by influenza A pseudotype H5N1 and 1918 and 2009 pandemic H1N1 viruses
Jianfang Zhou (Chinese National Influenza center, China)

- 13:40- Proteomics analysis of differential expression of chicken brain tissue proteins in response to neurovirulent H5N1 avian influenza virus infection
Meilin Jin (Huazhong Agriculture University, China)
- 14:00- The PA protein directly contributes to the virulence of H5N1 avian influenza viruses in domestic ducks
Hualan Chen (Chinese Academy of Agricultural Sciences, China)
- 14:20- coffee break
- Session 4 Chair: Yuelong Shu (Chinese National Influenza Center)
- 14:30- A systematic molecular pathology study of a laboratory confirmed H5N1 human case
Rongbao Gao (Chinese National Influenza Center, China)
- 14:50- Genetic diversity of influenza A virus HA gene in human airways
Takaaki Nakaya (Osaka University, Japan)
- 15:10- Analysis of H5N1 highly pathogenic avian influenza viral pneumonia in Monkey model
Kyoko Shinya (Kobe University, Japan)
- 15:30- Molecular pathogenesis of H5N1 and H9N2 avian influenza virus isolated from southern China in mice
Ming Liao (South China Agricultural University, China)
- 15:50- coffee break
- Session 5 Chair: Masato Tashiro (National Institute of Infectious Diseases)
- 16:00- Molecular epidemiology of avian influenza viruses collected from wild birds in northern Vietnam during year 2006-2009
Hiroki Takakuwa (Kyoto Sangyo University, Japan)
- 16:20- **Characterization of H5N1 highly pathogenic avian influenza viruses isolated from migratory waterfowl in Mongolia and Japan**
Yoshihiro Sakoda (Hokkaido University, Japan)
- 16:40- Novel genotype H9N2 influenza viruses possessing poultry and human H5N1 internal genes has been circulating in poultry in eastern China since 1998
Xiufan Liu (Yangzhou University, China)
- 17:00- What's next for the 2009 Pandemic?
Yoshihiro Kawaoka (University of Tokyo, Japan)
- Closing Ceremony
- 17:20- Closing Remark
Hualan Chen (Chinese Academy of Agricultural Sciences)