

CAS-IMSUT Workshop on Infectious Diseases

Date and Time: April 13, 2017, 10:00-17:00

Place: Institute of Biophysics, Room 61004 (Building 6, 10F)

The CAS (Chinese Academy of Sciences) and IMSUT (Institute of Medical Science, The University of Tokyo) have been conducting research collaboration on emerging and re-emerging infectious diseases over the past 10 years. The IMSUT has joint laboratories in two CAS institutes (IBP and IM). Since 2015 their activities have been partially supported by the J-GRID program of Japan Agency for Medical Research and Development (AMED). In this J-GRID program, the IMSUT is also in collaboration with the HVRI (Harbin Veterinary Research Institute) of CAAS (Chinese Academy of Agricultural Sciences) and with Japan's National Institute of Infectious Diseases. In this workshop we, cooperating researchers from these institutes, will present our recent research activities to further strengthen the ongoing collaboration. Please join us.

10:00 Welcome session

IBP director, AMED guest followed by Photo taking

Morning session

10:30-11:00 A broadly reactive anti-HA stem monoclonal antibody that inhibits influenza A virus particle release,

Seiya Yamayoshi (Division of Virology, Department of Microbiology and Immunology, IMSUT)

11:00-11:30 Flu-vision: total imaging systems for analyzing influenza virus infection

Yoshihiro Kawaoka (International Research Center for Infectious Diseases and Division of Virology, Department of Microbiology and Immunology, IMSUT)

11:30-12:00 National Surveillance of Antimicrobial Resistance in Japan

Keigo Shibayama (Department of Bacteriology II, National Institute of Infectious Diseases)

12:00-13:30 Lunch

Afternoon session 1

13:30-14:00 Role of tegument proteins in gammaherpesvirus morphogenesis

Hongyu Deng (IBPCAS)

14:00-14:15 Molecular mechanism of HSV-1 nuclear egress

Jun Arai (Division of Molecular Virology, Department of Microbiology and Immunology, IMSUT)

14:15-14:45 Search for the peptides that affect the function of HIV-1 envelope

Zene Matsuda (Joint Laboratory of Structural Virology and Immunology, IBPCAS)

14:45-15:15 Development of Novel HIV-1/2 fusion Inhibitors

Yuxian He (Center for AIDS Research, Chinese Academy of Medical Sciences & Peking Union Medical College)

15:15-15:30 Break 15min

Afternoon session 2

15:30-15:45 Establishment of a High-throughput screening assay for Antiviral Agents Using Cell-based Fusion Assay

Mizuki Yamamoto (Research Center for Asian Infectious Diseases, IMSUT)

15:45-16:15 The search for cellular factors responsible for the latent HIV-1 infection

Takaomi Ishida (IMCAS)

16:15-16:45 TB vs Host

Kaixia Mi (IMCAS),

16:50 Closing session, IMSUT Director