

**The 7th China-Japan Joint Laboratory Workshop**  
**—Pathogenesis, Gene Regulation, and Signal Transduction —**

**9:00–9:20 Opening Remarks (Chairs: George Fu Gao, Aikichi Iwamoto)**

Li Huang  
(Director-General, Institute of Microbiology, Chinese Academy of Sciences)  
Tadashi Yamamoto  
(Chief, Research Center for Asian Infectious Diseases,  
Institute of Medical Science, The University of Tokyo)  
Opening remarks by the Embassy of Japan

**9:20–9:30 Group Photo**

**9:30–10:30 Session I (Chairs: George Fu Gao, Aikichi Iwamoto)**

Hiroyasu Konno, Yasushi Kawaguchi, Bing Su, Jun-ichiro Inoue  
TRAF6 establishes innate immune responses by activating NF- $\kappa$ B AND IRF7 upon sensing  
cytosolic viral RNA and DNA

Saifeng Wang, Lipeng Qiu, Songdong Meng  
Heat shock protein gp96 enhanced T cell response against hepatitis B core and surface  
antigens and anti-HBV effect in transgenic mice

**10:30–11:30 Session II (Chairs: Zene Matsuda, Songdong Meng)**

Yasushi Kawaguchi  
Non-muscle myosin IIA is a functional entry receptor for herpes simplex virus 1

Jing Qi, Danyang Gong, Chuanhui Han, Hongyu Deng  
Reciprocal regulation of RTA and ORF48 during murine gammaherpesvirus-68 de novo  
infection

**(11:30–12:30 Lunch)**

**(12:30–13:00 Tour)**

**13:00–14:00 Session III (Chairs: Hongyu Deng, Bin Gao)**

Junjie Zhang, Gang Li, Xin Ye  
Cyclin T1/CDK9 interacts with influenza A viral polymerase and facilitates its association with  
cellular RNA Polymerase II

Takaomi Ishida, Kazuo Suzuki, Makoto Yamagishi, David A Cooper, Anthony D. Lelleher,  
Kentaro Semba, Tadashi Yamamoto, Aikichi Iwamoto, Toshiki Watanabe  
The epigenetic regulation of HIV-1 virus gene expression

**14:00–15:15 Session IV (Chairs: Tadashi Yamamoto, Xin Ye)**

Hiroshi Ashida, Chihiro Sasakawa  
*Shigella* deploy multiple countermeasures against host innate immune responses

Bin Mu, Xinglu Huang, Pengcheng Bu, Jie Zhuang, Zhixue Cheng, Jing Feng, Dongling Yang,  
Changsheng Dong, Jianbing Zhang, Xiyun Yan  
Influenza virus detection with pentabody-activated nanoparticles

Shinya Yamada, Masato Hatta, Bart Staker, Shinji Watanabe, Masaki Imai, Kyoko Shinya, Saori, Sakabe, Yuko Sakai-Tagawa, Mutsumi Ito, Makoto Ozawa, Tokiko Watanabe, Chengjun Li, Jin-Hyun Kim, Peter J. Myler, Isabelle Phan, Amy Raymond, Eric Smith, Robin Stacy, Chairul A. Nidom, Simon M. Lank, Roger W. Wiseman, Benjamin N. Bimber, David H. O'Connor, Gabriele Neumann, Lance J. Stewart, Yoshihiro Kawaoka  
Biological and structural characterization of a host-adapting amino acid in influenza virus

Qing Li, Jianxun Qi, Wei Zhang, Christopher J. Vavricka, Yi Shi, Jinhua Wei, Enguang Feng, Jingshan Shen, Jilong Chen, Di Liu, Jianhua He, Jinghua Yan, Hong Liu, Hualiang Jiang, Maikun Teng, Xuebing Li, George F. Gao  
The 2009 pandemic H1N1 neuraminidase N1 lacks the 150-cavity in its active site

Zhendong Zhao, Xiaoling Liu, Zheng Li, Lei Sun George F Gao, Jilong Chen, Wenjun Liu  
Cyclophilin A is Associated with Susceptibility to the Replication of Influenza A Virus through Degradation of M1 Protein

**(15:15–15:30 Coffee Break)**

**15:30–17:15 Session V (Chairs: Jun-ichiro Inoue, Zhihai Qin)**

Huamin Han, Qingjun Liu, Bin Gao  
An efficient vector system for genetically modifying cells

Lijuan Yu, Chie Aoki, Fumihiko Yagyu, Xianzi Wen, Aikichi Iwamoto, Yoshihiro Kitamura  
Variants of hepatitis C virus JFH-1 strain adapted to Huh7 cells

Lijun Gu, Noriaki Hosoya, Ai Kawana-Tachikawa, Teiichiro Shiino, Tomohiko Koibuchi, Takeshi Fujii, Toshiyuki Miura, Masaki Matsushita, Wataru Sugiura, Aikichi Iwamoto  
Development of a PCR-SSOP-Luminex Assay for HIV-1 Drug Resistance

Shujun Liu, Naoyuki Kondo, Yufei Long, Dan Xiao, Aikichi Iwamoto, Zene Matsuda  
Analysis of membrane topology of gp41 subunit of HIV-1 envelope glycoprotein in prokaryotic and mammalian cells

Yuri Shibata, Masaaki Oyama, Hiroko Kozuka-Hata, Jin Gohda, Jun-ichiro Inoue  
Establishment and characterization of the cell-free IKK activation system induced by HTLV-1 Tax

Xiaopu Zhao, Xueqiang Zhao, Shubai Liu, Zhihai Qin  
TNF-dependent caspase 8 repression is necessary for MDSC expansion and tumor growth

Takeshi Inoue, Seiji Kawa, Takanobu Nakazawa, Kazuo Sutoh, Tadashi Yamamoto  
Characterization of transmembrane kinase BREK/LMTK2 in endocytic membrane trafficking

**17:15–17:20 Closing Remarks (Chairs: Jun-ichiro Inoue, Zhihai Qin)**

Aikichi Iwamoto  
(Project Director, Research Center for Asian Infectious Diseases,  
Institute of Medical Science, The University of Tokyo)