

The 12th Awaji International Forum on Infection and Immunity

Tentative Program

as of May, 2013

Please note that this program is provisional and the presentation order will be fixed after adoption of Oral-Poster. Program will be updated when the meeting comes closer.

September 10 (Tue)

- 13:00 – 13:40 **Training Course I: Virology**
Jun-ichi Sakuragi, Osaka University, Japan
- 13:45 – 14:25 **Training Course II: Parasitology**
Osamu Kaneko, Nagasaki University, Japan
- 14:45 – 15:25 **Training Course III: Immunology**
Ai Kawana-Tachikawa, The University of Tokyo, Japan
- 15:30 – 16:10 **Training Course IV: Bacteriology**
Hitomi Mimuro, The University of Tokyo, Japan
- 15:00 **Opening Remarks**
Aikichi Iwamoto, The University of Tokyo, Japan
- 16:40 – 17:30 **Keynote Lecture**
Ashley T. Haase, University of Minnesota, USA
Insights from the SIV-animal model into how to prevent HIV-1 transmission to women
- 17:40 – 18:10 **Lecture**
Kyosuke Nagata, University of Tsukuba, Japan
Molecular Biology of the Influenza Virus Genome toward Disease Control
- 18:30 – 20:30 **Welcome Party**

September 11 (Wed)

9:00 – 12:00 **Session 1: Viral Pathogenesis**

- David M. Knipe**, Harvard Medical School, USA
Epigenetic Regulation of Herpes Simplex Virus Lytic and Latent Gene Expression and DNA Sensing.
- Yoshio Koyanagi**, Kyoto University, Japan
Intrinsic cellular defenses against retroviruses and DNA viruses
- Keizo Tomonaga**, Kyoto University, Japan
The intranuclear mechanism of RNA virus sensing by host cells
Oral Poster: 3 titles

13:00 – 14:30 **Poster Session 1 (odd numbers)**

14:40 – 16:40 **Session2: Structural Basis for Pathogenesis and Protection**

Zihe Rao, Nankai University, China

Structural insights into the agents of hand-foot-and-mouth disease

Takeshi Noda, The University of Tokyo, Japan

Packaging of influenza virus genome

Takao Hashiguchi, Kyushu University, Japan

Structural insight into measles virus entry and vaccine

George F. Gao, Chinese Academy of Sciences, China

Influenza virus entry and release: from 2009-pandemic and bat-derived genome

Oral Poster: 3 titles

16:50 – 18:20 **Session3: Application of Microbes to Treatment and Vaccines**

Paula M. Cannon, University of Southern California, USA

Engineering stem cells to build an HIV-resistant immune system

Kei Kawana, The University of Tokyo, Japan

Development of therapeutic vaccine for HPV-related cervical cancer via mucosal immune system

Oral Poster: 3 titles

September 12 (Thu)

9:00 – 12:00 **Session 4: Mucosal Immunity and Infection**

Won Jae Lee, Seoul National University, Korea

Intestinal Dysbiosis and Chronic inflammation: Lessons from the Drosophila genetic model.

Koji Hase, The University of Tokyo, Japan

Commensal microbiota shapes intestinal immune system through epigenetic modifications

Satoshi Uematsu, The University of Tokyo, Japan

TLR3 as an exacerbating factor for radiation-induced gastrointestinal syndrome

Ivaylo Ivanov, Columbia University, USA

Mechanisms of induction of intestinal Th17 cells by commensal bacteria

Oral Poster: 3 titles

13:00 – 14:30 **Poster Session 2 (even numbers)**

14:40 – 17:40 **Session 5: Bacterial Pathogenesis**

Jeffery S. Cox, University of California, USA

TBA

Eun-Kyeong Jo, Chungnam National University, Korea

Autophagy in mycobacterial infection

Masanobu Nakata, Osaka University, Japan

Mode of Expression and Assembly Mechanism of Group A Streptococcal Pili

Tetsuya Iida, Osaka University, Japan

Type III secretion effectors of *Vibrio parahaemolyticus*

Oral Poster: 3 titles

19:00 – 20:30 **BBQ Party**

September 13 (Fri)

9:00 – 12:00 **Session 6: Evolution of Organelle**

Andreas Weber, Heinrich Heine University Düsseldorf, Germany

Plastid endosymbiosis - pas de deux or menage a trois?

Masato Nakai, Osaka University, Japan

New evolutionary insights into the chloroplast protein import system

Yasuko Rikihisa, Ohio States University, USA

Type IV secretion effector that links autophagy to intracellular bacterial nutrition

Hiroki Nagai, Osaka University, Japan

Interdomain protein transport: a key strategy employed by bacterial pathogens and symbionts.

Oral Poster: 3 titles

13:00 – 15:00 **Session 7: Global Issues in Emerging Infection**

Ayato Takada, Hokkaido University, Japan

Recent advances in filovirus research: epidemiology and anti-viral

Futoshi Hasebe, Nagasaki University, Vietnam

Henipavirus Infection in Fruit Bats, Vietnam

De-Xin Li, Chinese Center for Disease Control and Prevention, China

TBA

Yoshichika Arakawa, Nagoya University, Japan

Global concerns arising from rapid spread of new multidrug- resistant Gram-negative pathogens including CRE

15:00 – 15:30 **Lecture**

Yoshihiro Kawaoka, The University of Tokyo, Japan

Characterization of H7N9 influenza A viruses

15:30 **Closing Remarks**