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 – 16:10  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

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**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

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