

The Awaji International Forum on Infection and Immunity IV

	August 30th, Mon	August 31st, Tue	September 1st, Wed	September 2nd, Thu	
9:00		Bacteriology Invited Presentation 5 Dr. Tomoko Kubori	Bacteriology Oral Poster 1 Dr. S. Kim	Virology Oral Poster 1 Dr. T. Fujita	9:00
9:30		Bacteriology Invited Presentation 6 Dr. Eric Oswald	Oral Poster 2 Dr. M. Oda Oral Poster 3 Dr. K. Rokutan	Oral Poster 2 Dr. H. Amanuma Oral Poster 3 Dr. Y. Mori	9:30
10:00		Bacteriology Invited Presentation 7 Dr. Ambrose Cheung	Oral Poster 4 Dr. H. Higashi	Oral Poster 4 Dr. F. Taguchi	
10:30		Coffee Break	Coffee Break	Coffee Break	10:30
11:00		Virology Invited Presentation 1 Dr. Thomas J. Braciale	Parasitology Invited Presentation 2 Dr. Tetsuo Hashimoto	Immunology Invited Presentation 5 Dr. Matthew J. Fenton	11:00
11:30		Virology Invited Presentation 2 Dr. Hisashi Arase	Parasitology Invited Presentation 3 Dr. Tomoyoshi Nozaki	Immunology Invited Presentation 6 Dr. David W. Pascual	11:30
12:00		Virology Invited Presentation 3 Dr. Akio Nomoto	Parasitology Invited Presentation 4 Dr. Kieran Kirk	Immunology Invited Presentation 7 Dr. Roy Curtiss, III	12:00
12:30		Lunch (Free time)	Lunch (Free time)	Closing Ceremony	12:30
13:00				Poster Removal	13:00
13:30					13:30
14:00		Registration	Poster Presentation (Odd Numbers)	Poster Presentation (Even Numbers)	14:00
14:30					14:30
15:00		Poster Set-up			15:00
15:30	Virology Invited Presentation 4 Dr. Chieko Kai		Parasitology Invited Presentation 5 Dr. Steven Soonsin Oh	15:30	
16:00	Opening Ceremony	Virology Invited Presentation 5 Dr. Paul Bates	Parasitology Invited Presentation 6 Dr. Hiroshi Suzuki	16:00	
16:30	Keynote Address Dr. Robert G. Webster	Virology Invited Presentation 6 Dr. H.-J. Thiel	Parasitology Invited Presentation 7 Dr. Artur Scherf	16:30	
17:00		Virology Invited Presentation 7 Dr. Naoki Yamamoto	Coffee Break	17:00	
17:30	Bacteriology Invited Presentation 1 Dr. Tetsuya Hayashi	Dinner (Free Time)	Immunology Invited Presentation 1 Dr. Tatsuo Kinashi	17:30	
18:00	Bacteriology Invited Presentation 2 Dr. John R. Murphy		Immunology Invited Presentation 2 Dr. David D. Chaplin	18:00	
18:30	Bacteriology Invited Presentation 3 Dr. Emmanuel Lemichez		Immunology Invited Presentation 3 Dr. Masayuki Miyasaka	18:30	
19:00	Bacteriology Invited Presentation 4 Dr. Vanessa Sperandio	Parasitology Oral Poster 1 Dr. H. Kanuka Oral Poster 2 Dr. Y. Kitade Oral Poster 3 Dr. M. Torii Oral Poster 4 Mr. Y. Hong	Buffet Dinner The Westin Awaji Island Hotel 1F Banquet Hall STELLA	19:00	
19:30	Welcome Reception The Westin Awaji Island Hotel 1F Banquet Hall CIELO	Immunology Oral Poster 1 Dr. S. Takaki Oral Poster 2 Dr. A. Kumanogoh Oral Poster 3 Dr. M. Watanabe Oral Poster 4 Dr. T. Ayabe		19:30	
20:00				20:00	
20:30				20:30	
21:00			21:00		
21:30				21:30	

Scientific Program

Monday, August 30th

16:00-16:15 Opening Remarks: **Yoshihiro Kawaoka**, Tokyo, Japan

16:15 -17:15 **Keynote Lecture**
Chairperson: **Y. Nagai**, Toyama, Japan

Robert G. Webster, Tennessee, U.S.A.
The Genesis of H5N1 Influenza Viruses in Asia

Symposium I. Bacteriology 1
Discussion Leader: **C. Sasakawa**, Tokyo, Japan

17:30 **I-1. Tetsuya Hayashi**, Miyazaki, Japan
Comparative genomics of O157 and non-O157 enterohemorrhagic *Escherichia coli*

18:00 **I-2. John R. Murphy**, Boston, U.S.A.
Diphtheria, Anthrax, and Botulinum Toxins: Do their catalytic domains follow a similar route of entry to the cytosol of target cells?

Symposium I. Bacteriology 2
Discussion Leader: **E. Oswald**, INRA, France

18:30 **I-3. Emmanuel Lemichez**, INSERM, France
E. coli CNF1 toxin is a two-in-one system of bacteria internalization into cells that controls the host cell alarm responses

19:00 **I-4. Vanessa Sperandio**, Dallas, U.S.A.
Bacteria-host communication: the language of hormones

19:30-21:30 Welcome Reception

Tuesday, August 31st

Symposium I. Bacteriology 3

Discussion Leader: **V. Sperandio**, Dallas, U.S.A.

- 9:00 **I-5. Tomoko Kubori**, Connecticut, U.S.A.
Temporal regulation of *Salmonella* virulence effector function by proteasome-dependent protein degradation
- 9:30 **I-6. Eric Oswald**, INRA, France
Cif, a new family of effector molecules that blocks the eukaryotic cell cycle and reorganizes the actin cytoskeleton
- 10:00 **I-7. Ambrose Cheung**, New Hampshire, U.S.A.
Regulation of *S. aureus* virulence determinants *in vitro* and *in vivo* and the role of host factors in controlling virulence gene expression
- 10:30-10:45 Coffee break

Symposium II. Virology 1

Discussion Leader: **H.-J. Thiel**, Giessen, Germany

- 10:45 **II-1. Thomas J. Braciale**, Virginia, U.S.A.
Regulating the CD8 + T cell response to influenza virus infection: a matter of dose
- 11:15 **II-2. Hisashi Arase**, Osaka, Japan
Recognition of virus-infected cells by paired immune receptors
- 11:45 **II-3. Akio Nomoto**, Tokyo, Japan
IRES-dependent virus tropism
- 12:15 -13:30 Lunch

13:30-15:30 **Poster Session I (odd numbers)**

Symposium II. Virology 2

Discussion Leader: **Y. Matsuura**, Osaka, Japan

15:30 **II-4. Chieko Kai**, Tokyo, Japan
Molecular determinants for the cross species
infection of emerging mononegaviruses

16:00 **II-5. Paul Bates**, Pennsylvania, U.S.A.
Interaction of Ebola Virus Glycoproteins with Host Factors

Symposium II. Virology 3

Discussion Leader: **C. Kai**, Tokyo, Japan

16:30 **II-6. Heinz-Jürgen Thiel**, Giessen, Germany
Fundamental aspects of pestivirology: Use of viral biotypes to
study a novel autoprotease and RNA recombination

17:00 **II -7. Naoki Yamamoto**, Tokyo, Japan
Constitutive NF-kappaB activation and adult T cell leukemia(ATL)

17:30-19:00 Dinner

Oral Poster Session I: Parasitology

Discussion Leader: **K. Kita**, Tokyo, Japan

- 19:00 **P-060. Hirotaka Kanuka**
Drosophila model for insect-borne diseases:
Plasmodium growth in insect is mediated by c-type lectin
- 19:15 **P-077. Yukio Kitade**
Synthesis of 2-Fluoroaristeromycins and their Inhibitory Activities against
Plasmodium falciparum S-Adenosyl-L-homocysteine Hydrolase
- 19:30 **P-064. Motomi Torii**
A glycosylphosphatidyl inositol anchored protein is a critical erythrocyte surface
receptor for the malaria parasite
- 19:45 **P-065. Yeonchul Hong**
Characterization of TbGPI16, a component of GPI transamidase, in procyclic form
Trypanosoma brucei

Oral Poster Session II: Immunology

Discussion Leader: **S. Habu**, Isehara, Japan

- 20:00 **P-144. Satoshi Takaki**
Homeostatic regulation of B-1 cells and antibody production in mucosal tissues
- 20:15 **P-145. Atsushi Kumanogoh**
Defective T-cell priming and Th1/Th2 regulation in Sema4A-deficient mice
- 20:30 **P-136. Mamoru Watanabe**
IRF-2 and IRF-1 distinctively up-regulate gene expression and production of IL-7 in
human intestinal epithelial cells
- 20:45 **P-143. Tokiyoshi Ayabe**
Innate host defense stimulated by the crosstalk between intestinal bacteria and
Paneth cells

Wednesday, September 1st

Oral Poster Session III: Bacteriology

Discussion Leader: **M. Mitsuyama**, Kyoto, Japan

- 9:00 **P-091. Suk Kim**
Lipid raft microdomains mediate class A scavenger receptor-dependent infection of *Brucella abortus*
- 9:15 **P-101. Masataka Oda**
Clostridium perfringens alpha-toxin induces neuritogenesis in PC12 cells.
- 9:30 **P-094. Kazuhito Rokutan**
Mechanism for helicobacter pylori lipopolysaccharide-triggered activation of superoxide-producing NADPH oxidase Nox1 in gastric mucosal cells: Involvement of activation of small GTPase Rac1 and transcriptional regulation of Nox1 and NOXO1
- 9:45 **P-119. Hideaki Higashi**
Determination of the membrane-tethering domain of *Helicobacter pylori* CagA

Symposium III. Parasitology 1

Discussion Leader: **K. Kirk**, Canberra, Australia

- 10:00 **III-1. Jorge Tovar**, London, U.K.
Mitochondrion-related organelles of protists: degenerate mitochondria?
- 10:30-10:45 Coffee break
- 10:45 **III-2. Tetsuo Hashimoto**, Tsukuba, Japan
Phylogenetic positions of the amitochondriate protists in the tree of Eukaryota

Symposium III. Parasitology 2

Discussion Leader: **J. Tovar**, London, U.K.

- 11:15 **III-3. Tomoyoshi Nozaki**, Tokyo, Japan
Iron-sulfur cluster formation in the enteric protozoan
Entamoeba histolytica: unique non-redundant nitrogen fixation (NIF)-like
system in the anaerobic parasite
- 11:45 **III-4. Kiaran Kirk**, Canberra, Australia
The bioenergetics of nutrient uptake in the intracellular malaria parasite
- 12:15 -13:30 Lunch
- 13:30-15:30 **Poster Session II (even numbers)**

Symposium III. Parasitology 3

Discussion Leader: **T. Horii**, Osaka, Japan

- 15:30 **III-5. Steven Soonsin Oh**, Boston, U.S.A.
Erythrocyte invasion receptor band 3 in malaria
- 16:00 **III-6. Hiroshi Suzuki, Obihiro**, Japan
Alpha-tocopherol transfer protein gene disruption conferred
mice resistant to malarial infection
- 16:30 **III-7. Artur Scherf**, Paris, France
Antigenic Variation in Malaria parasites
- 17:00-17:30 Coffee break

Symposium IV. Immunology 1

Discussion Leader: **M. J. Fenton**, Baltimore, U.S.A.

- 17:30 **IV-1. Tatsuo Kinashi**, Kyoto, Japan
Regulation of immune cell adhesion and migration by the small GTPase Rap1 and its effector molecule, RAPL
- 18:00 **IV-2. David D. Chaplin**, Birmingham, U.S.A.
Interplay between Innate and Adaptive Immunity in Recruitment of Th2 Lymphocytes to the Airways
- 18:30 **IV-3. Masayuki Miyasaka**, Osaka, Japan
Mechanisms underlying recruitment of lymphocytes and dendritic cells into regional lymph nodes
- 19:00 Banquet

Thursday, September 2nd

Oral Poster Session IV: Virology

Discussion Leader: **T. Shioda**, Osaka, Japan

- 9:00 **P-001. Takashi Fujita**
The RNA helicase RIG-I functions as a receptor for cytoplasmic double-stranded RNA and plays critical roles in innate antiviral responses
- 9:15 **P-026. Hiroshi Amanuma**
Redirected infectious entry of the ecotropic Moloney murine leukemia virus having a ligand-chimeric envelope protein
- 9:30 **P-006. Yasuko Mori**
Human Herpesvirus 6 Glycoproteins Complex Associates with Human CD46 and Affects Variant Specific Cell Tropism
- 9:45 **P-010. Fumihiro Taguchi**
Receptor-independent infection of murine coronavirus; a unique mechanism of virus spread

Symposium IV. Immunology 2

Discussion Leader: **H. Kiyono**, Tokyo, Japan

- 10:00 **IV-4. Kiyoshi Takeda**, Fukuoka, Japan
Regulation of innate immune responses by Toll-like receptors
- 10:30-10:45 Coffee break
- 10:45 **IV-5. Matthew J. Fenton**, Baltimore, U.S.A.
Role of Toll-like Receptors in the Host Response to Mycobacterial Infection

Symposium IV. Immunology 3

Discussion Leader: **H. Kikutani**, Osaka, Japan

- 11:15 **IV-6. David W. Pascual**, Bozeman, U.S.A.
Anti-Inflammatory Vaccination using a *Salmonella* Vaccine Vector
- 11:45 **IV-7. Roy Curtiss III**, St. Louis, U.S.A.
Live recombinant attenuated *Salmonella* vaccines, current status
- 12:15 Closing Remarks: **Yasuhiko Horiguchi**, Osaka, Japan