



- 9:00 S2-1 **Tania de Konig Ward**, Deakin University, Australia  
“Dissecting the *Plasmodium* protein export machinery”
- 9:30 S2-2 **Elizabeth Winzeler**, University of California San Diego, USA  
“Defining the malaria parasite resistome and drug-able genome”
- 10:00 S2-3 **Andy Waters**, University of Glasgow/ Wellcome Trust Sanger Institute, UK  
“Experimentally inducible gametocytogenesis in malaria parasites:  
defining the early events after a developmental switch”
- 10:30-10:38 *Coffee Break*
- 10:38 S2-4 **Masahiro Yamamoto**, Osaka University, Japan  
“Mechanisms of IFN- $\gamma$ -inducible cell-autonomous immunity to  
intracellular pathogens”
- 11:08 S2-5 **Katsuyuki Yui**, Nagasaki University, Japan  
“Regulation of the immune responses by Tr27 cells during malaria infection”
- 11:38 S2-6 **Somlata Gupta**, Jawaharlal Nehru University, India  
(P-55) “PIP3 binding protein screening reveals Trophocytosis specific kinase  
in *E. histolytica*”
- 11:51 S2-7 **Ryo Takano**, Obihiro University of Agriculture and Veterinary Medicine, Japan  
(P-56) “A high-resolution map of SBP1 interactomes in *Plasmodium*  
*falciparum*-infected erythrocytes”
- 12:04 S2-8 **Kofi D. Kwofie**, Tokyo Medical and Dental University, Japan  
(P-69) “Anti-trypanosomal Activities and Mechanisms of Action of  
Novel Tetracyclic Iridoids from *Morinda lucida* Benth.”
- 12:17 S2-9 **Masahito Asada**, Nagasaki University, Japan  
(P-74) “Ungulate malaria parasites”

12:30-13:30 *Lunch Break*

13:30-15:00 **Poster Session I (Odd Numbers)**

15:00-17:30 **Session 3 Innate immunity I**

Chairs: Mark Kunitomi, University of California, San Francisco, USA  
Takayuki Kuraishi, Kanazawa University, Japan

*Co-organized by Japan Society for the Promotion of Science (JSPS)  
Core-to-Core Program ‘International research network for virus infections and host responses’*



- 15:00 S3-1 **Jean-Marc Reichhart**, University of Strasbourg & UPR 9022 CNRS, France  
“The *Drosophila* Innate Immune system, a paradigm to study NF- $\kappa$ B regulation.”
- 15:30 S3-2 **Mark Kunitomi**, University of California, San Francisco, USA  
“Endogenous viral elements produce trans-generational antiviral piRNAs  
in mosquitoes”
- 16:00 S3-3 **Takayuki Kuraishi**, Kanazawa University, Japan  
“Infection-dependent versus -independent activation of  
*Drosophila* innate immune signaling”

- 16:30 S3-4 **Kazuhide Onoguchi**, University of California, San Francisco, USA  
(P-104) “Endoplasmic reticulum stress senses viral infection and regulates antiviral innate immunity in *Drosophila*”
- 16:43 S3-5 **Marie Ban**, Chiba University, Japan  
(P-102) “Identification of a novel RNA binding protein that is involved in RLR-mediated signaling”
- 16:56 S3-6 **Anastasios Stavrou**, Kyoto University, Japan  
(P-112) “The use of next-generation phage display and structural modelling tools to understand immune responses”
- 17:09 S3-7 **Peter S Larson**, Nagasaki University, Japan  
(P-113) “Prevalence and Geographic Distribution of Snake Bites in Kwale, Kenya: Results from the NUITM-KEMRI Health Demographic Surveillance System”

## September 8, Thursday

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- 9:00-12:30 **Session 4 Innate immunity II**  
Chairs: Andrea Ablasser, École Polytechnique Fédérale de Lausanne, Switzerland  
Takashi Mino, Kyoto University, Japan
- 9:00 S4-1 **Andrea Ablasser**, École Polytechnique Fédérale de Lausanne, Switzerland  
“Intracellular DNA sensing mechanisms”
- 9:30 S4-2 **Heung Kyu Lee**, Korea Advanced Institute of Science and Technology, Korea  
“Dysbiosis-induced IL-33 contributes to impaired antiviral immunity in the genital mucosa”
- 10:30 S4-3 **Takashi Mino**, Kyoto University, Japan  
“Post-transcriptional regulation of inflammation-related mRNAs by Regnase-1 and Roquin”
- 10:30 *Coffee Break*
- 10:50 S4-4 **FERDINARD ADUNGO**, Nagasaki University, Japan  
(P-100) “Production of yellow fever virus sub-viral particles from stably transformed mammalian cells and potential use as diagnostic antigens”
- 11:03 S4-5 **Kouyuki Hirayasu**, Osaka University, Japan  
(P-98) “Microbially cleaved immunoglobulins are sensed by the innate immune receptor LILRA2”
- 11:16 S4-6 **YUANBO ZHU**, Kyoto University, Japan  
(P-109) “Role of intestinal epithelial cell-derived IL-7 and IL-15 on the homeostasis of intraepithelial lymphocytes”
- 11:29 S4-7 **Hiroyuki Oshiumi**, Kumamoto University, Japan  
(P-106) “Extracellular vesicles play a crucial role in antiviral innate immune response to HBV infection”
- 11:42 S4-8 **MANH H DAO**, Nagasaki University, Japan  
(P-110) “iPS cell derived dendritic cell can be a good host of dengue virus”
- 11:55 S4-9 **Morris M Ndemwa**, Nagasaki University, Japan  
(P-114) “Mortality Patterns within the NUITM-KEMRI Health and Demographic Surveillance System Mbita Kenya”
- 12:08 S4-10 **Nobumasa Soda**, Kyoto University, Japan

(P-115) “Activation of MDA5 and TLR3 affects the differentiation of osteoclasts via IFN- $\beta$ ”

12:30-13:30 *Lunch Break*

13:30-15:00 **Poster Session II (Even Numbers)**

15:00-18:15 **Session 5 Bacteria**

Chairs: Wolf-Detrich Hardt, Institute of Microbiology, ETH Zürich, Switzerland  
Kiyoshi Takeda, Osaka University, Japan

- 15:00 S5-1 **Zhao-Qing Luo**, Purdue University, USA  
“Ubiquitination Lessons taught by a bacterial pathogen”
- 15:30 S5-2 **Wolf-Detrich Hardt**, Institute of Microbiology, ETH Zürich, Switzerland  
“*Salmonella* diarrhea: mucosal defense against attack by a "diversifying" pathogen”
- 16:00 S5-3 **Kiyoshi Takeda**, Osaka University, Japan  
“Segregation of intestinal bacteria and epithelia by Lypd8”

16:30-16:50 *Coffee Break*

- 16:50 S5-4 **Masanori Hatakeyama**, The University of Tokyo, Japan  
“SHP1 links *Helicobacter pylori* and Epstein-Barr virus in gastric carcinogenesis”
- 17:20 S5-5 **Seiji Yamasaki**, Osaka University, Japan  
(P-88) “Multidrug efflux pumps contribute to *Escherichia coli* biofilm maintenance”
- 17:33 S5-6 **Tomoko Kubori**, Osaka University, Japan  
(P-87) “Manipulation of the host ubiquitin system by *Legionella* Deubiquitinases”
- 17:46 S5-7 **Ryo Ozuru**, Tottori University, Japan  
(P-84) “New insights into the leptospiral dissemination in host bodies  
brought by *in vivo* imaging system”
- 17:59 S5-8 **Naoaki Shinzawa**, Osaka University, Japan  
(P-85) “Genetic dissection of intracellular survival of *Burkholderia thailandensis*”

18:30 – 20:30 *Banquet –BBQ Party, Terrace of Cocolare at The Westin Awaji Island 2nd floor*

## **September 9, Friday**

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9:00-12:30 **Session 6 HIV/HTLV**

Chairs: Daniel Sauter, Ulm University Medical Center, Germany  
Masafumi Takiguchi, Kumamoto University, Japan

- 9:00 S6-1 **Daniel Sauter**, Ulm University Medical Center, Germany  
“Suppression of NF- $\kappa$ B-mediated immune activation by primate lentiviruses”
- 9:30 S6-2 **Massimo Pizzato**, University of Trento, Italy  
“The anti-retroviral activity of the SERINC gene family and counteraction  
by different retroviruses.”
- 10:00 S6-3 **Anat Melamed**, Imperial College London, UK  
“The HTLV-1 provirus forms abnormal CTCF-dependent chromatin loops  
with the host genome”

- 10:30-10:38 *Coffee Break*
- 10:38 S6-4 **Kei Sato**, Kyoto University, Japan  
“Investigation of the interplay between cellular proteins and HIV-1-encoding proteins using humanized mouse model”
- 11:08 S6-5 **Masafumi Takiguchi**, Kumamoto University, Japan  
“Co-adaptation of HIV-1 and T cells”
- 11:38 S6-6 **Haruka Kinoshita**, Kyoto University, Japan  
(P-27) “HTLV-1 bZIP factor promotes T-cell proliferation by impairing the suppressive function of co-inhibitory receptors”
- 11:51 S6-7 **Daichi Yamasoba**, Kyoto University, Japan  
(P-12) “Identification of a novel RNase as a restriction factor for HIV budding”
- 12:04 S6-8 **Sayuri Seki**, National Institute of Infectious Diseases, Japan  
(P-29) “Accumulation of MHC-I-associated viral genome mutations in multiple SIV transmissions”
- 12:17 S6-9 **Hironori Hayashi**, National Center for Global Health and Medicine, Japan  
(P-43) “Mechanism of unprecedentedly potent activity of KU-241 against various HIV-1 variants”

12:30-13:30 *Lunch Break*

13:30-16:00 **Session 7 Emerging Viruses**

Chairs: Andreas Kurth, Robert Koch Institute, Germany  
Ayato Takada, Hokkaido University, Japan

- 13:30 S7-1 **Andreas Kurth**, Robert Koch Institute, Germany  
“Emerging Viruses in Bats – What we know and don’t know”
- 14:00 S7-2 **Ayato Takada**, Hokkaido University, Japan  
“Ebola virus Entry into Cells  
---Neutralization and Antibody-Dependent Enhancement---”
- 14:30 S7-3 **Jiro Yasuda**, Nagasaki University, Japan  
“Development of rapid and portable diagnostic assay for emerging viral diseases”
- 15:00 S7-4 **Masayuki Shimojima**, National Institute of Infectious Diseases, Japan  
“Severe fever with thrombocytopenia syndrome in Japan”
- 15:30 S7-5 **Shintaro Yamada**, Kyoto University, Japan  
(P-32) “Analysis of innate immune responses in SFTSV infection”
- 15:43 S7-6 **Ryo Komorizono**, Kyoto University, Japan  
(P-25) “Host range restriction and zoonotic potential of emerging avian bornaviruses”

16:00 **Closing Remarks**