

Day 1: 18th May 2017 (THU)

Bauduin Lecture Hall, Ryojun Auditorium 2F

Registration

08:20-09:10

Opening remarks

08:50-09:10 Shigeru Katamine (President, Nagasaki University, Japan),
Kenji Hirayama (Dean, Institute of Tropical Medicine, Nagasaki University, Japan)
Nicholas R.J. Gascoigne (Provost's chair, Head of Department of Microbiology and
Immunology, Yong Loo Lin School of Medicine, National University of
Singapore, Singapore)

(Chair: Katsuyuki Yui, Graduate School of Biomedical Sciences, Nagasaki University)

Keynote lecture 1

09:10-09:50 Nicholas R.J. Gascoigne (Yong Loo Lin School of Medicine, National University of Singapore)
"Control of T cell receptor signaling during activation and development"

Keynote lecture 2

09:50-10:30 Osamu Nakagomi (Graduate School of Biomedical Sciences, Nagasaki University)
"Transmission of animal rotaviruses to humans: distinguishing its evolutionary implication
from contemporary events"

10:30-10:45 **Tea Break @1F Sensai Hall**

(Chair: Kenji Hirayama, Institute of Tropical Medicine, Nagasaki University)

Keynote lecture 3

10:45-11:25 Kiyoshi Kita (School of Tropical Medicine & Global Health, Nagasaki University)
"Mitochondria as drug target: From parasites to cancer cells"

Keynote lecture 4

11:25-12:05 John M. Kelly (London School of Hygiene and Tropical Medicine, UK)
"Tracking *Trypanosoma cruzi* parasites to tissue-specific reservoir sites during chronic
murine infections"

12:05-13:00 **Lunch Time @Pompe Hall (for guests)**

Session 1

(Chair: Noriyuki Nishida, Graduate School of Biomedical Sciences, Nagasaki University)

13:00-13:25 Vincent T.K. Chow (Yong Loo Lin School of Medicine, National University of Singapore)
"NETs and Leaks in pneumonia caused by Influenza virus and pneumococcus"

13:25-13:50 Sylvie Alonso (Yong Loo Lin School of Medicine, National University of Singapore)
"Novel *in vitro* model to study Enterovirus 71 neurovirulence reveals autophagy-mediated
exit without lysis (AWOL) for this lytic virus."

13:50-14:15 Jiro Yasuda (Institute of Tropical Medicine, Nagasaki University)
"Tetherin/BST-2 as a cellular antiviral factor"

14:15-14:40 Yoshinao Kubo (Graduate School of Biomedical Sciences, Nagasaki University)
"Identification of novel host anti-HIV-1 factors that are induced by interferon γ "

14:40-14:55 **Tea Break @1F Sensai Hall**

Session 2

(Chair: Kouichi Morita, Institute of Tropical Medicine, Nagasaki University)

- 14:55-15:20 Paul MacAry (Yong Loo Lin School of Medicine, National University of Singapore)
“T-lymphocyte and Antibody responses in patients infected with or recovered from Dengue Virus”
- 15:20-15:45 Meng Ling Moi (Institute of Tropical Medicine, Nagasaki University)
“Determination of the role of flavivirus cross-reactive antibodies during Dengue and Zika infection by using common marmosets”
- 15:45-16:10 Justin Jang Hann Chu (Yong Loo Lin School of Medicine, National University of Singapore)
“System biology approaches for antiviral strategies development against human enteroviruses that cause HFMD”
- 16:10-16:25 **Tea Break @1F Sensai Hall**

Session 3

(Chair: Katsunori Yanagihara, Graduate School of Biomedical Sciences, Nagasaki University)

- 16:25-16:50 Yongliang Zhang (Yong Loo Lin School of Medicine, National University of Singapore)
“MAP kinase phosphatase 2 regulates innate immune response to intracellular bacterial infection”
- 16:50-17:15 Lay Myint Yoshida (Institute of Tropical Medicine, Nagasaki University)
“Role of viral and bacterial pathogens on pediatric pneumonia in Vietnam”
- 17:15-17:40 Koichi Izumikawa (Graduate School of Biomedical Sciences, Nagasaki University)
“Outbreak of carbapenem-resistant enterobacteriaceae in neonatal intensive care unit and growing care unit in Nagasaki University Hospital”
- 18:00-18:45 **Poster presentation I (Odd numbers) @1F Sensai Hall (with light refreshments)**
- 18:45-19:30 **Poster presentation II (Even numbers) @1F Sensai Hall**

Day 2: 19th May 2017 (FRI)

Bauduin Lecture Hall, Ryojun Auditorium 2F

Registration

08:40-09:10

(Chair: Koya Ariyoshi, Institute of Tropical Medicine, Nagasaki University)

Keynote lecture 5

09:10-09:50 Sohkichi Matsumoto (Graduate School of Medical and Dental Sciences, Niigata University, Japan)
“From biology of *Mycobacterium* to the development of the control strategies against tuberculosis”

Keynote lecture 6

09:50-10:30 Koji Nakayama (Graduate School of Biomedical Sciences, Nagasaki University)
“The type IX secretion system, gliding motility and the type V pilus in the Bacteroidetes phylum bacteria”

10:30-10:45 **Tea Break @1F Sensai Hall**

(Chair: Osamu Kaneko, Institute of Tropical Medicine, Nagasaki University)

Keynote lecture 7

10:45-11:25 Laurent Rénia (Singapore Immunology Network, A*STAR, Biopolis, Singapore)
“Identification of reticulocyte receptors for *Plasmodium vivax* merozoite invasion”

Keynote lecture 8

11:25-12:05 Cevayir Coban (Immunology Frontier Research Center, Osaka University, Japan)
“Tissue-specificity during malaria infection”

12:05-13:00 **Lunch Time @Pompe Hall (for guests)**

Session 4

(Chair: Sharon Cox, School of Tropical Medicine & Global Health, Nagasaki University)

13:00-13:25 Kevin S.W. Tan (Yong Loo Lin School of Medicine, National University of Singapore)
“Drug-mediated digestive vacuole disruption in malaria parasites: What’s knobs got to do with it?”

13:25-13:50 Richard Culleton (Institute of Tropical Medicine, Nagasaki University)
“Genetic analysis of *Plasmodium malariae* and *Plasmodium ovale* from asymptomatic adolescents in South-East Nigeria.”

13:50-14:15 Daisuke Kimura (Graduate School of Biomedical Sciences, Nagasaki University)
“Interleukin-27 inhibits the generation of memory CD4⁺ T cells after treatment with anti-malarial drug.”

14:15-14:30 **Tea Break @1F Sensai Hall**

Session 5

(Chair: Mana Miyakoda, Graduate School of Biomedical Sciences, Nagasaki University)

14:30-14:55 Bruce Russell (Department of Microbiology and Immunology, University of Otago, New Zealand)
“Zoonotic *P. cynomolgi* switches preference for red cell tropism and Duffy dependence”

14:55-15:20 Masahito Asada (Institute of Tropical Medicine, Nagasaki University)
“Ungulate malaria parasites”

15:20-15:45 Cynthia Y. He (Centre for BioImaging Sciences, National University of Singapore)
“CryoET of *Trypanosoma brucei*”

15:45-16:00 **Tea Break @1F Sensai Hall**

Session 6

(Chair: Hideki Hayashi, Graduate School of Biomedical Sciences, Nagasaki University)

16:00-16:25 John Chen (Yong Loo Lin School of Medicine, National University of Singapore)
“Genome hypermobility by co-lateral transduction”

16:25-16:50 Volker Patzel (Yong Loo Lin School of Medicine, National University of Singapore)
“A *trans*-splicing based suicide gene therapy approach targeting virus infection or cancer”

16:50-17:15 Philip Gothard (London School of Hygiene and Tropical Medicine, UK)
“How should we train doctors in tropical medicine?”

Closing remarks

17:15-17:20 Katsuyuki Yui (Chair of the organizing committee, Graduate School of Biomedical Sciences,
Nagasaki University)

Reception for guests @ The Hotel Nagasaki 15F “The Kitchen”

19:00-21:00