

GCOE PROGRAM
Thursday, 26 Nov. 2009 Ryojun Hall 2F

Registration 08:30-09:00

Opening remarks

09:00-09:15 Shigeru Katamine (President, Nagasaki University)

Keynote lectures

09:15-10:00 (Chair: Koya Ariyoshi)
Brian Greenwood (London School of Hygiene & Tropical Medicine, UK)
“Epidemic meningococcal Disease in Africa”

10:10-10:55 (Chair: Kouichi Morita)
Janusz Paweska
(National Institute for Communicable Diseases of the National Health Laboratory Service, South Africa)
“Search for reservoir hosts of filoviruses in Africa”

11:05-11:50 (Chair: Masahiro Takagi)
Nguyen Tran Hien (National Institute of Hygiene and Epidemiology, Vietnam)
“Influenza Pandemic (H1N1) 2009: Lessons from current outbreaks in the world and Vietnam”

Lunch

11:50-13:00 NEKKEN 1F Main Meeting Room No.124 (Guests and GCOE members)

Session G1 Virus (Chair: Osamu Nakagomi)

13:00-13:30 Naoki Yamamoto (National Institute of Infectious Diseases)
“HIV-host cell interactions as revealed by the use of cell-free protein production system”

13:30-14:00 Yusuke Yanagi (Kyushu University)
“Measles virus tropism and pathogenesis”

14:00-14:30 Kunitada Shimotohno (Chiba Institute of Technology)
“Hepatitis C virus hijacks lipid metabolisms for its proliferation”

14:30-14:45 Tea Break

Session G2 Virus and Prion (Chair: Nobuyuki Kobayashi)

14:45-15:15 Nobuhiro Yuki (Niigata National Hospital)
“Infection, vaccination and Guillain–Barré syndrome”

15:15-15:45 Noriyuki Nishida (Nagasaki University)
“Strain diversity and reciprocal interference seen in prion infection”

15:45-16:15 Radostin Danev (Okazaki Institute for Integrative Bioscience)
“Viral structures visualized by zernike phase contrast cryo-electron tomography”

16:15-16:30 Tea Break

Session G3 Bacteria (Chair: Koji Nakayama)

- 16:30-17:00 Shinji Yamasaki (Osaka Prefecture University)
“Molecular epidemiology of *Vibrio cholerae*”
- 17:00-17:30 Toshiya Hirayama (Nagasaki University)
“Pleiotropic action of VacA toxin of *Helicobacter pylori*:
VacA induces GSK3 inhibition through the PI3K/Akt signaling pathway”
- 17:30-18:00 Tetsuya Hayashi (University of Miyazaki)
“Genomic view on the parallel evolution of enterohemorrhagic *Escherichia coli* strains”

Reception

- 18:30-20:30 Nagasaki Park Side Hotel 1F “Tempo Room”

GCOE PROGRAM
Friday, 27 Nov. 2009 Ryojun Hall 2F

Session G4 Malaria I (Chair: Richard Culleton)

- 08:45-09:15 Jetsumon Sattabongkot (Armed Forces Research Institute of Medical Sciences, Thailand)
“Research on *Plasmodium vivax* at AFRIMS”
- 09:15-09:45 Kesinee Chotivanich (Mahidol University, Thailand)
“Cytoadherence of *P. vivax*-infected red cells”
- 09:45-10:15 Osamu Kaneko (Nagasaki University)
“*Plasmodium* SURFIN: evolution, polymorphism, and human sera reactivity”

Tea Break 10:15-10:30

Session G5 Malaria II (Chair: Takashi Itoh)

- 10:30-11:00 Qijun Chen (Karolinska Institute, Sweden)
“Var gene transcription in *Plasmodium falciparum* parasites associated with placental malaria”
- 11:00-11:30 Till Voss (Swiss Tropical Institute, Switzerland)
“Identification and characterisation of two heterochromatin components in the malaria parasite *Plasmodium falciparum*”
- 11:30-12:00 Liwang Cui (The Pennsylvania State University, USA)
“Chromatin-mediated gene regulation in malaria parasite”

Lunch

11:50-13:00 NEKKEN 1F Main Meeting Room No.124 (Guests and GCOE members)

Session G6 Malaria III (Chair: Osamu Kaneko)

- 13:00-13:30 Tim-Wolf Gilberger (Bernhard Nocht Institute for Tropical Medicine, Germany)
“Functional analysis of the leading malaria vaccine candidate AMA-1 reveals an essential role for the cytoplasmic domain in the invasion process”
- 13:30-14:00 Sandra Cheesman (University of Edinburgh, UK)
“Investigating how genetic variation in the host and parasite influence strain-specific protective immunity against malaria.”
- 14:00-14:30 Katsuyuki Yui (Nagasaki University)
“Antigen-specific T cell responses during infection with *Plasmodium berghei*: studies using OVA as a model malaria antigen”
- 14:30-14:45 Tea Break

Session G7 Parasite (Chair: Katsuyuki Yui)

- 14:45-15:15 Nicholas Day (Mahidol University, Thailand)
“Thirty years of the Wellcome Trust – Mahidol University – Oxford Tropical Medicine Research Programme”
- 15:15-15:45 Shinjiro Hamano (Nagasaki University)
“Genetic control of resistance to intestinal amebiasis in inbred mice”
- 15:45-16:15 Hiroki Yoshida (Saga University, Saga)
“Regulation of defense responses against protozoan infection by interleukin-27”
- 16:15-16:30 Tea Break

Session G8 Immunology and Bioinformatics (Chair: Hiroyuki Moriuchi)

- 16:30-17:00 Masaaki Miyazawa (Kinki University, Osaka)
“Genetic factors that confer resistance to HIV-1 acquisition in HIV-1-exposed but seronegative individuals in Italy and Thailand”
- 17:00-17:30 Tomoko Kohno (Nagasaki University)
“The role of interferon in acute pancreatitis”
- 17:30-18:00 Kishore R. Sakharkar (The University of Aizu)
“Novel antimicrobial strategy versus microbes”

Closing remarks

- 18:00-18:10 Toshifumi Matsuyama (Dean, Nagasaki University School of Medicine)

Lecture for Public

13:00-14:00 Janusz Paweska (**with translator: Kouichi Morita**)

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