



## 10<sup>th</sup> Nagasaki – Singapore Medical Symposium on Infectious Diseases

*Novel Insights into Microbial Pathogenesis and Host Interactions*

15<sup>th</sup>-16<sup>th</sup> April 2010, Clinical Research Center Auditorium,  
MD11, Yong Loo Lin School of Medicine, NUS

### *Invited Speakers*

Sylvie ALONSO, NUS  
Ryuichiro ATARASHI, Nagasaki University  
Jang Hann CHU, NUS  
Yunn Hwen GAN, NUS  
Shinjiro HAMANO, Nagasaki University  
Kenji HIRAYAMA, Nagasaki University  
Kiri HONMA, Nagasaki University  
Osamu KANEKO, Nagasaki University  
Michael KEMENY, NUS  
Yoshina KUBO, Nagasaki University  
Toshifumi MATSUYAMA, Nagasaki University  
Tsukasa SEYA, Hokkaido University  
Kunitada SHIMOTOHNO, Chiba Institute of Technology  
Youichi SUZUKI, NUS  
Kevin SW TAN, NUS  
Yee Joo TAN, NUS  
Naoki YAMAMOTO, NUS  
Hiroki YOSHIDA, Saga University  
Nobuhiro YUKI, NUS

### *Topics*

HIV, Hepatitis C Virus, Dengue Virus,  
Enterovirus 71, Influenza Virus  
Malaria, Amebiasis, Helminth Infections  
Prion Disease  
Host Immune Response to Infection  
Genetic Control of Infections

### *Who Should Attend*

Clinician-Scientists, Immunologists,  
Microbiologists, Cell and Molecular  
Biologists, Infectious Disease Specialists,  
Graduate Students and Postdocs

### *Organized By*



**Yong Loo Lin  
School of Medicine**





# Scientific Programme

## Day 1 (15th April 2010)

- 8.30 am Registration
- 9.00 am Opening address by Deans
- 9.10 am **Naoki YAMAMOTO**: *BCA2/Rabring7 promotes tetherin-dependent HIV-1 restriction (NUS)*
- 9.35 am **Yoshinao KUBO**: *Murine leukemia virus in Japanese prostate cancer patients and its cell entry mechanism (Nagasaki)*
- 10.00 am **Youichi SUZUKI**: *Modulation of retroviral integration by cellular factors (NUS)*
- 10.25 am **COFFEE & POSTERS**
- 10.50 am **Kunitada SHIMOTOHNO**: *Modification of lipid metabolism and cancer progression by HCV infection (Chiba)aki)*
- 11.15 am **Yee-Joo TAN**: *The hepatitis C virus core protein contains a BH3 domain that regulates apoptosis through specific interaction with human Mcl-1 (NUS)*
- 11.40 am **Ryuichiro ATARASHI**: *Ultrasensitive human prion detection in cerebrospinal fluids by cell-free PrPSc amplification technique (Nagasaki)*
- 12.05 pm **LUNCH AND POSTER VIEWING**
- 2.00 pm **Sylvie ALONSO**: *A non mouse-adapted dengue virus strain as a new model of severe dengue infection in AG129 mice (NUS)*
- 2.25 pm **Kenji HIRAYAMA**: *Host genetic factors influencing on the prognosis of dengue hemorrhagic fever in Vietnam (Nagasaki)*
- 2.50 pm **Jang Hann CHU**: *Small interference RNA profiling revealed essential host factors in mediating the infectious entry of human enterovirus 71 into cells (NUS)*
- 3.15 pm **COFFEE & POSTERS**
- 3.45 pm **Nobuhiro YUKI**: *Infection, vaccination and Guillain–Barré syndrome (NUS)*
- 4.10 pm **Kiri HONNMA**: *Expulsion of intestinal helminth, *N. brasiliensis*, by Th2-independent mechanisms in the absence of IRF-4 (Nagasaki)*
- 4.35 pm **Yunn Hwen GAN**: *Differential activation of innate immune response between diabetics and healthy individuals in response to a bacterial pathogen (NUS)*

## Day 2 (16th April 2010)

- 9.10 am **Osamu KANEKO**: *Plasmodium SURFIN: evolution, polymorphism, and human sera reactivity (Nagasaki)*
- 9.35 am **Kevin SW TAN**: *A chloroquine-induced cell death pathway in malaria provides novel strategies for therapeutic exploit (NUS)*
- 10.00 am **Shinjiro HAMANO**: *Genetic control of resistance to intestinal amebiasis in inbred mice (Nagasaki)*
- 10.25 am **COFFEE & POSTERS**
- 10.50 am **Michael KEMENY**: *Different functions of lung dendritic cells in influenza infection (NUS)*
- 11.15 am **Toshifumi MATSUYAMA**: *The role of interferon in acute pancreatitis (Nagasaki)*
- 11.40 am **Hiroki YOSHIDA**: *Role of CARD9-mediated activation of innate immunity in anti-protozoan defense (Saga)*
- 12.05 pm **Tsukasa SEYA**: *Identification of INAM, a polyI:C-inducible molecule in dendritic cell responsible for natural killer cell activation (Hokkaido)*
- 12.30 pm Closing Remarks
- 1.00 pm **MOU SIGNING CEREMONY BY PRESIDENTS**