

KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

Framing the Response to Emerging Virus Infections (S2)

October 14-18, 2018 • Lee Shau Kee Lecture Centre, Centennial Campus, The University of Hong Kong • Pok Fu Lam, Hong Kong

Scientific Organizers: Ralph A. Tripp, Suresh Mahalingam, John W. Lowenthal and Andrew G. Bean

Abstract & Scholarship Deadline: / Abstract Deadline: / Discounted Registration Deadline:

SUNDAY, OCTOBER 14

Arrival and Registration

MONDAY, OCTOBER 15

Welcome and Keynote Address

Margaret Chan[†], World Health Organization, Switzerland
Interdisciplinary Research Approaches in Tackling Emerging Viral Infections

Zika Virus: Biology and Host Interactions

Michael S. Diamond[†], Washington University School of Medicine, USA
Talk Title to be Announced

Tatjana Avsic-Zupanc[†], Institute of Microbiology, Slovenia
Zika Virus Associated with Microcephaly

Scott C. Weaver[†], University of Texas Medical Branch, USA
Zika Virus: Biology and Host Interactions

Short Talk(s) Chosen from Abstracts

ZIKV Diagnostics and Countermeasures

Andrew S. Plumptre[†], Takeda Pharmaceuticals, USA
Talk on Takeda Pharmaceuticals' Zika Vaccine

Nicholas Jackson[†], Sanofi Pasteur, France
Zika Virus: Knowledge Gaps and Vaccine Research and Development Challenges

Esper Georges Kallas[†], University of São Paulo, Brazil
Talk Title to be Announced

Short Talk Chosen from Abstracts

Poster Session 1

TUESDAY, OCTOBER 16

Ebola Virus: Biology and Host Interactions

Anthony S. Fauci[†], NIAID, National Institutes of Health, USA
Zika and Ebola Virus and the Race to Quell Outbreak

Rafi Ahmed[†], Emory University School of Medicine, USA
Human Ebola Virus Infection Results in Substantial Immune Activation

George Fu Gao[†], Institute of Microbiology, Chinese Academy of Sciences, China
Ebola Viral Glycoprotein Bound to Its Endosomal Receptor Niemann-Pick C1

Heinz Feldmann, Rocky Mountain Laboratories, USA
Animal Models of Ebola Virus

Short Talk(s) Chosen from Abstracts

Ebola Virus: Vaccines and Therapeutics

Marie-Paule Kieny[†], World Health Organization, Switzerland
rVSV-Vectored Vaccines

Erica Ollmann Saphire, The Scripps Research Institute, USA
Antibodies Against Ebola Virus: A Global Collaboration

Maria Grazia Pau[†], Crucell Holland B.V., Netherlands
Novel Vaccines

Short Talk Chosen from Abstracts

Poster Session 2

WEDNESDAY, OCTOBER 17

MERS and Influenza Viruses: Immunity and Vaccines

Marion P.G. Koopmans, Erasmus MC, Netherlands
Cross Host Transmission in the Emergence of MERS Coronavirus

Ralph S. Baric[†], University of North Carolina at Chapel Hill, USA
Immune Response to MERS

Bart L. Haagmans, Erasmus MC, Netherlands
An Orthopoxvirus-Based Vaccine Reduces Virus Excretion after MERS-CoV Infection in Dromedary Camels

Ahmed Hersi[†], King Saud University, Saudi Arabia
Response to MERS Epidemic in Saudi Arabia

Ralph A. Tripp, University of Georgia, USA
Short Talk: Virus-Host Interactions, Development of Vaccine Cell Lines

Arboviruses

Bruce Innis[†], PATH, USA
Dengue Virus Host-Virus Interaction and Pathogenesis

Anna-Bella Failloux[†], Institute Pasteur, Paris, France
Chikungunya Virus-Vector Interactions

Scott L. O'Neill[†], Monash University, Australia
Wolbachia and Gene Approaches

Suresh Mahalingam, Griffith University, Australia
Short Talk

Poster Session 3

THURSDAY, OCTOBER 18

Late Breaking Developments

Ted M. Ross, University of Georgia, USA
Broadly Protective Influenza Vaccines: Protection Against Mismatch – Bettering Standard of Care

Speaker to be Announced
Speaker from NIAID to Discuss Emerging Infectious Diseases/Pathogens

Malik Peiris[†], University of Hong Kong, Hong Kong
Emerging Virus Disease at the Animal-Human Interface

Peter Daszak[†], EcoHealth Alliance, USA
Emerging Infectious Diseases of Wildlife

Andrew G. Bean, Commonwealth Scientific and Industrial Research Organization, Australia
Short Talk

Outbreak Preparedness and Responses

Mario Barro[†], Sanofi Pasteur, USA
Talk Title to be Announced

Linfa Wang, Duke-NUS Medical School, Singapore
Talk Title to be Announced

Richard Hatchett[†], Coalition for Epidemic Preparedness Innovations CEPI, Norway
Talk Title to be Announced

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)

KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

Framing the Response to Emerging Virus Infections (S2)

October 14-18, 2018 • Lee Shau Kee Lecture Centre, Centennial Campus, The University of Hong Kong • Pok
Fu Lam, Hong Kong

Scientific Organizers: Ralph A. Tripp, Suresh Mahalingam, John W. Lowenthal and Andrew G. Bean

Abstract & Scholarship Deadline: / Abstract Deadline: / Discounted Registration Deadline:

FRIDAY, OCTOBER 19

Departure