

# 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, Andrew G. Bean, and Malik Peiris

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

### SUNDAY, OCTOBER 14

#### Arrival and Registration

### MONDAY, OCTOBER 15

#### Welcome and Keynote Address

**Margaret Chan**<sup>†</sup>, 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 and Immunology, Slovenia  
*Zika Virus Associated with Microcephaly*

**Scott C. Weaver**<sup>†</sup>, University of Texas Medical Branch, USA  
*Zika Virus: Biology and Host Interactions*

#### Short Talk(s) Chosen from Abstracts

#### ZIKV Diagnostics and Countermeasures

**Rajeev V. Venkayya**<sup>†</sup>, Takeda Pharmaceutical Company, USA  
*Talk Title to be Announced*

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

**Ana Maria Bispo de Filippis**<sup>†</sup>, Instituto Oswaldo Cruz, Brazil  
*Talk Title to be Announced*

#### Short Talk Chosen from Abstracts

#### Poster Session 1

### TUESDAY, OCTOBER 16

#### Ebola Virus: Biology and Host Interactions

**Rafi Ahmed**<sup>†</sup>, Emory University School of Medicine, USA  
*Human Ebola Virus Infection Results in Substantial Immune Activation*

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

#### Ebola Virus: Vaccines and Therapeutics

**Ana Maria Henao-Restrepo**<sup>†</sup>, World Health Organization, Switzerland  
*Talk Title to be Announced*

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

**Maria Grazia Pau**<sup>†</sup>, Johnson & Johnson Inc., USA  
*Novel Vaccines*

#### Short Talk(s) Chosen from Abstracts

#### Zoonotic Influenza

**Guan Yi**<sup>†</sup>, University of Hong Kong, China  
*Talk Title to be Announced*

**Lit Man Leo Poon**<sup>†</sup>, University of Hong Kong, Hong Kong  
*Talk Title to be Announced*

#### Short Talk Chosen from Abstracts

#### Poster Session 2

### WEDNESDAY, OCTOBER 17

#### MERS and Influenza Viruses: Immunity and Vaccines

**Gavin J.D. Smith**, Duke-NUS Graduate Medical School, Singapore  
*Talk Title to be Announced*

**Ralph S. Baric**, University of North Carolina at Chapel Hill, USA  
*Rapid Response Strategies to Control Emerging Coronavirus Infections*

**Bart L. Haagmans**, Erasmus MC, Netherlands  
*MERS Coronavirus: from Discovery to Intervention*

**Ahmed Hersi**<sup>†</sup>, King Saud University, Saudi Arabia  
*Response to MERS Epidemic in Saudi Arabia*

**KY Yuen**<sup>†</sup>, Hong Kong University  
*Talk Title to be Announced*

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

#### Emerging Disease Preparedness Research

**Marion P.G. Koopmans**, Erasmus MC, Netherlands  
*Challenges and Opportunities in Global Disease Detection*

**Anna-Bella Failloux**, Institute Pasteur, Paris, France  
*Mosquito-Borne Disease Expansion*

**Linfa Wang**, Duke-NUS Medical School, Singapore  
*Bat-Borne Diseases*

**Suresh Mahalingam**, Griffith University, Australia  
*Short Talk*

#### Poster Session 3

### THURSDAY, OCTOBER 18

#### Drivers of Disease and Emerging Viral Infections – Late Breaking Developments

**Peter Daszak**<sup>†</sup>, EcoHealth Alliance, USA  
*Emerging Infectious Diseases of Wildlife*

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

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

#### Outbreak Preparedness and Responses I

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

**Stephen Whitehead**, NIAID, National Institutes of Health, USA  
*Evaluation of Live Attenuated Vaccines for Dengue and Zika Viruses (and Their Challenge Models)*

#### Outbreak Preparedness and Responses II

**Scott B. Halstead**<sup>†</sup>, Dengue Vaccine Initiative, South Korea  
*Talk Title to be Announced*

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**Mario Barro**, Sanofi Pasteur, USA

*Talk Title to be Announced*

**Richard Hatchett**<sup>†</sup>, Coalition for Epidemic Preparedness Innovations  
CEPI, Norway

*Talk Title to be Announced*

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

**FRIDAY, OCTOBER 19**

**Departure**