

# 8<sup>th</sup> Asia Pacific Congress of Medical Virology

## Viral Diseases: New Challenges - New Solutions

26-28 February 2009

*Hong Kong Convention and Exhibition Centre*

### Scientific Programme

#### Day 1, 26<sup>th</sup>, Thursday

8:00-9:00	<b>Registration</b>	
8:30-9:15	<b>Opening Ceremony</b>	<b>Malik Peiris – Congress Chairman</b> <b>R Bhatia – WHO SEARO</b> <b>Renu Dyal – WHO Geneva</b>
9:15-10:00	<b>Plenary Lecture 1</b> <b>Chairperson: Ian Barr</b>	Robert Webster                      Pandemic influenza and its impact on global health
10:00-10:45	<b>Plenary Lecture 2</b> <b>Chairperson: John Mackenzie</b>	SK Lam                                      Climate change: its impact on viral diseases
10:45-11:15	<b>Tea &amp; poster break</b>	
11:15-12:30	<b>Parallel Symposium 1 (Emerging Infection)</b> <b>Chairperson: Wilina Lim</b>	Rajesh Bhatia                      Emerging infections: The WHO perspective AC Mishra                              New emerging infections in India
	<b>Parallel Symposium 2 (Vaccine &amp; Immunology)</b> <b>Chairperson: Janice Lo</b>	MH Ng                                      Phase II clinical trial of a bacterially expressed particulate hepatitis E vaccine Nikolai Petrovsky                      Novel vaccine strategies to tackle pandemic influenza and other new and emerging infectious disease threats
12:30-14:00	<b>Lunch &amp; poster break</b>	
14:00-15:30	<b>Excellence Award Presentation &amp; Symposium</b> <b>Chairperson: Vincent Chow &amp; Malik Peiris</b>	Sutee Yokan                      Live Attenuated Tetravalent Dengue Vaccine Programme at Mahidol University, Thailand Hak Hotta                              Sequence variation of the hepatitis C virus genome and its correlation with viral pathogenicity T Jacob John                              The phenomenon of circulating vaccine-derived polioviruses Paul Young                              Antiviral targets for the flaviviruses
15:30-16:00	<b>Tea &amp; poster break</b>	
16:00-16:45	<b>Plenary Lecture 3</b> <b>Chairperson: MH Ng</b>	Ih-Jen Su                              Progression from EBV-associated hemophagocytic syndrome to T cell lymphoma: The role of NFkB signaling and its implication for therapy

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16:45-17:30

#### Plenary Lecture 4

**Chairperson:** *Vincent Deubel*

John Mackenzie

Mosquito-borne zoonotic flaviviruses: phylogenetic and ecological aspects of the Japanese encephalitis serological group

17:30-19:00

#### Satellite Symposium (sponsored by GlaxoSmithKline)

##### Making Pandemic Preparedness a Reality

**Chairperson:** *Malik Peiris*

Paul Chan

The role antivirals should have in pandemic preparedness

Geert Leroux

Preclinical and clinical data supporting pre-pandemic vaccination

Tbc

Putting pandemic preparedness plans into practice

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### Day 2, 27<sup>th</sup>, Friday

- 8:00-9:00** Registration
- 9:00-9:45** Plenary Lecture 5  
**Chairperson: Shobha Broor**  
KY Yuen Explosion on Coronaviruses since 2003
- 9:45-10:30** Plenary Lecture 6  
**Chairperson: SK Lam**  
Linfa Wang Emerging bat zoonotic viruses: a 15-year journey from Hendra to Melaka
- 10:30-11:00** Tea & poster break
- 11:00-12:30** Parallel Abstract Presentation 1 (Viral Diagnostics)  
**Chairperson: Kitty Fung**  
Abstract no. # 033, 034, 039, 046, 088, 089, 090
- Parallel Abstract Presentation 2 (Influenza & other Respiratory Viruses)  
**Chairperson: KH Chan**  
Abstract no. # 006, 008, 012, 016, 041, 075, 094
- Parallel Abstract Presentation 3 (Emerging and Zoonotic)  
**Chairperson: Samson Wong**  
Abstract no. # 001, 023, 055, 061, 073, 077, 095
- 12:30-14:00** Lunch & poster break
- 14:00-15:30** Parallel Symposium 3 (HIV)  
**Chairperson: WC Yam**  
Zhiwen Chen Searching for the ultimate solution to end AIDS  
Dominic Dwyer HIV drug resistance  
Praesert Thongcharoen Clinical trials for HIV vaccines in Thailand
- Parallel Symposium 4 (Enterovirus 71)  
**Chairperson: Dmltry Lvov**  
Vincent Chow Enterovirus 71 VP1: a major factor in viral evolution, host interactions and immune responses  
David Perera The epidemiology of EV71: The Sarawak story  
Jen Ren Wang Genetic and antigenic analyses of enterovirus 71
- 15:30-16:00** Tea & poster break
- 16:00-16:45** Plenary Lecture 7  
**Chairperson: Tuckweng Kok**  
Derek Smith The antigenic evolution of influenza and other viruses
- 16:45-17:30** Plenary Lecture 8  
**Chairperson: Pilaipan Puthavathana**  
Y Guan Ecology & evolution of avian influenza A (H5N1) virus
- 17:30-18:30** APSMV AGM
- 19:00 – 21:00** Gala Dinner

Congress Secretariat- MV Destination Management Limited

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### Day 3, 28<sup>th</sup>, Saturday

- 8:00-9:00**                      **Registration**
- 9:00-9:45**                      **Plenary Lecture 9**  
**Chairperson: Raymond Lin**  
Yiming Shao                      AIDS research and its impact on AIDS prevention and care in China
- 9:45-10:30**                      **Plenary Lecture 10**  
**Chairperson: Margaret Ip**  
Yumei Wen                      Hepatitis B surface antigen: interactions with host cells
- 10:30-11:00**                      **Tea & poster break**
- 11:00-13:00**                      **Parallel Symposium 5 (Influenza)**  
**Chairperson: Prasert Auewarakul**  
Dr Philippe Buchy                      Clinical aspects and management of avian influenza H5N1  
Malik Peiris                      Pathogenesis of influenza  
Wenjun Liu                      Insights into the interaction between M1 protein of influenza virus and host cell factors related to the viral replication  
Ben Cowling                      Non-pharmaceutical interventions to prevent household transmission of influenza
- Parallel Symposium 6 (Clinical cases)**  
**Chairperson: Tony Ng**  
Rick Hodinka  
Wilina Lim
- 13:00-14:00**                      **Lunch & poster break**
- 14:00-15:30**                      **Parallel Symposium 7 (Laboratory Diagnosis)**  
**Chairperson: Alexander Lai**  
Tuckweng Kok                      Laboratory diagnosis of viral infections: back to the future  
David Smith                      Diagnosis of arbovirus infections: current and future advances  
Paul Wallace                      Quality control programmes in laboratory diagnosis (tbc)
- Parallel Symposium 8 (Arbovirus)**  
**Chairperson: Vincent Chow**  
Martin Hibberd                      Dengue virus (tbc)  
Suresh Mahalingam                      Novel insights into the pathogenesis of alphavirus infections  
Marc Letuit                      Chikungunya virus infection: from bedside to bench and back
- 15:30-16:00**                      **Tea & poster break**
- 16:00-16:45**                      **Plenary Lecture 11**  
**Chairperson: Wilina Lim**  
Marion Koopmans                      The changing epidemiology of noroviruses

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16:45-17:30

**Plenary Lecture 12**

**Chairperson: David Smith**

Ab Osterhaus

Animal models for viral diseases: from pathogenesis to intervention

17:40-18:30

**Parallel Abstract Presentation 4 (Vector Borne Diseases)**

**Chairperson: Paul Young**

Abstract no. # 014, 042, 065, 086

**Parallel Abstract Presentation 5 (Blood Borne Viruses)**

**Chairperson: Sutee Yoksan**

Abstract no. # 024, 040, 045, 081

**Parallel Abstract Presentation 6 (Diarrhoeal Diseases)**

**Chairperson: T Jacob John**

Abstract no. #007, 036, 064, 091