



The Macrae Group, 230 East 79<sup>th</sup> Street, New York, NY 10075  
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**X International Symposium on Respiratory Viral Infections  
February 28, 2008 – March 2, 2008  
Singapore**

**Preliminary Program  
October 16, 2007**

**Chairman:**

Malik Peiris Department of Microbiology, The University of Hong Kong, Pokfulam,  
Hong Kong SAR, China

James Gern University of Wisconsin School of Medicine and Public Health, Madison,  
Wisconsin, USA

**Scientific Advisory Committee**

Nancy Cox	CDC, Atlanta, Georgia, USA
Menno de Jong	Oxford University Clinical Research Unit, Hospital for Tropical Diseases, Ho Chi Minh City, Vietnam
John DeVincenzo	University of Tennessee, Memphis, Tennessee, USA
Frederick Hayden	GIP/EPR/CDS, World Health Organization, Geneva, Switzerland
Sebastian Johnston	National Heart & Lung Institute, Imperial College, London, UK
Yoshihiro Kawaoka	Univ of Wisconsin & Tokyo, USA & Japan
Albert Osterhaus	Erasmus MC, Rotterdam, The Netherlands
Paul Tambayh	Infectious Diseases, University of Singapore Hospital, Singapore
Robert G. Webster	St. Jude Children's Research Hospital and Director, World Health Organization Collaborating Center for Studies on the Ecology of Influenza, Memphis, Tennessee, USA

**Day One, Thursday, February 28, 2008**

<b>11:00 AM</b>	<b>Registration desk opens</b>
2:00 – 2:05 PM	Welcoming – Frederick Hayden, GIP/EPR/CDS, World Health Organization, Geneva, Switzerland
2:05 – 2:10 PM	Opening Remarks & Introduction of Keynote – Malik Peiris, Department of Microbiology, The University of Hong Kong, Pokfulam, Hong Kong SAR, China
<b>2:10 – 2:55 PM</b>	<b><i>Keynote Speaker – Yoshihiro Kawaoka, University of Wisconsin-Madison &amp; The University of Tokyo, USA &amp; Japan Why Influenza Kills and will Kill Again</i></b>



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### **Session I: Epidemiology/Impact**

- 2:55 – 3:25 PM Disease Burden of Respiratory Disease - Kathy Neuzil, PATH, Seattle, Washington, USA (*to be confirmed*)
- 3:25 – 3:55 PM The Role of Vaccines for RSV: View From the Developing World – James D. Nokes, Wellcome Trust, Kilifi, Kenya
- 3:55 – 4:25 PM Disease Burden of Pneumonia in China - Lei Zhou, Office for Disease Control and Emergency Response, China CDC, China (*to be confirmed*)
- 4:25 – 4:55 PM Coffee Break
- 4:55 – 5:25 PM Transmission of Influenza Viruses – Routes for containment or mitigation – Ira Longini, University of Washington School of Public Health and Community Medicine, Seattle, Washington, USA (*to be confirmed*)
- 5:25 – 5:55 PM Confronting Emerging Viral Pathogens – Paul Tambyah, Infectious Diseases, University of Singapore Hospital, Singapore
- 5:55 – 6:55 PM Oral Presentation x4
- 7:00 – 8:30 PM Welcoming Reception

### **Day Two, Friday, February 29, 2008**

- 7:30 – 8:30 AM Continental Breakfast
- Session II **Minisymposium on Zoonotic Origins of Human Respiratory Viruses –chair: Albert Osterhaus, Erasmus MC, Rotterdam, The Netherlands**
- 8:30 – 9:00 AM Difficulties and Opportunities in Treatment of H5N1 Infection – Menno de Jong, Oxford University Clinical Research Unit, Hospital for Tropical Diseases, Ho Chi Minh City, Vietnam
- 9:00 – 10:00 AM Origin of SARS-Coronavirus – Malik Peiris, Department of Microbiology, The University of Hong Kong, Pokfulam, Hong Kong SAR, China
- 10:00 – 10:30 AM The Next Nipahvirus, A Pandemic Threat? – Paul Rota, CDC, Atlanta, Georgia, USA (*to be confirmed*)
- 10:30 – 11:00 AM Panel Discussion – Albert Osterhaus, Robert Webster, Menno de Jong, Malik Peiris, Paul Rota
- 11:00 – 11:30 AM Coffee Break
- 11:30 – 12:30 PM Oral Presentations X 4



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- 12:30 – 3:30 PM Mid Day Break
- Session III **Virology and Diagnostics**
- 3:30 – 4:00 PM Pathogen Discovery – *(to be determined)*
- 4:00 – 4:30 PM Novel Point of Care Tests for Influenza and Other Respiratory Diseases  
– *(to be determined)*
- 4:30 – 5:00 PM Update Status of POC Diagnostics for Influenza – Nancy Cox,  
DHHS/NCID/VR/I , Centers for Disease Control, Atlanta, Georgia, USA  
*(to be confirmed)*
- 5:00 – 5:30 PM Oral Presentation X2
- 5:30 – 6:00 PM Poster Review – Albert Osterhaus, Erasmus MC, Rotterdam, The  
Netherlands
- 6:30 – 8:00 PM Poster Session/Wine & Cheese Reception

**Day Three, Saturday, March 1, 2008**

- 7:00 – 8:00 AM Continental Breakfast
- Session IV **Pathogenesis**
- 8:00 – 8:20 AM Pre-Clinical Papers Literature Review – SARS & Influenza – Malik Peiris,  
Department of Microbiology, The University of Hong Kong, Pokfulam,  
Hong Kong SAR, China
- 8:20 – 8:40 AM Pre-Clinical Papers Literature Review – Other Viruses – James Gern,  
University of Wisconsin School of Medicine and Public Health, Madison,  
Wisconsin, USA
- 8:40 – 9:05 AM Flu Receptors – Ian Wilson, The Scripps Research Institute,  
La Jolla, California
- 9:05 – 9:30 AM Asthma/COPD Mechanisms – Sebastian Johnston, Imperial College,  
London, UK
- 9:30 – 9:55 AM Pathogenesis of Measles Revisited – Albert Osterhaus, Erasmus MC,  
Rotterdam, The Netherlands
- 9:55 – 10:20 AM Host Factors that Modify the Severity of Viral Respiratory Illnesses in  
Children – James Gern, University of Wisconsin, Madison, Wisconsin
- 10:20 – 10:50 AM Coffee Break
- 10:50 – 11:15 AM Role of Acute Respiratory Infections Causing Chronic Disease –  
*(To be determined)*
- 11:15 – 11:45 PM Oral Presentations X2
- Session V **Clinical**



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- 11:45 – 12:10 PM Respiratory Viruses in Stem Cell Transplantation – Michael Boeckh, Fred Hutchinson Cancer Research Center, Seattle, Washington, USA  
*(to be confirmed)*
- 12:10 – 12:45 PM Literature Review: Clinical Papers – Frederick Hayden, GIP/EPR/CDS, World Health Organization, Geneva, Switzerland
- 12:45 – 3:45 PM Mid-Day Break
- 3:45 – 4:10 PM Clinical Manifestations of Respiratory Viruses in Children – Terho Heikkinen, Turku University Hospital, Turku, Finland
- 4:10 – 4:35 PM Non ventilatory Treatment for ARDS/ALI – Michael Matthay – University of California San Francisco, USA
- 4:35 – 5:05 PM Oral Presentations x2
- Session VI **Vaccinology and Prevention**
- 5:05 – 5:30 PM Global Access to Vaccines – Marie-Paul Kieny, World Health Organization, Geneva, Switzerland *(to be confirmed)*
- 5:30 – 5:55 PM Pandemic Preparedness: Japanese Approach to Vaccines and Antivirals – Masato Tashiro, National Influenza Laboratory, Tokyo, Japan
- 5:55 – 6:25 PM Coffee Break
- 6:25 – 6:50 PM Novel Approaches in Vaccines – Gary Nabel, Dale and Betty Bumpers Vaccine Research Center, National Institutes of Health, Bethesda, Maryland *(to be confirmed)*
- 6:50 – 7:15 PM Update on Paramyxovirus Vaccines – *(to be determined)*
- 7:15 – 7:45 PM The Role of Adjuvants in Pandemic Preparedness – Albert Osterhaus, Erasmus MC, Rotterdam, The Netherlands
- 7:45 – 8:15 PM Oral Presentations x 2
- Day Four, Sunday, March 2, 2008**
- 7:00 – 8:00 AM Continental Breakfast
- Session VI **Vaccinology and Prevention (continued)**
- 8:00 – 8:30 AM Oral Presentations x 2
- Session VII **Antivirals and Therapeutics**
- 8:30 – 8:55 AM What's New with Numax – Jim Young, MedImmune Inc., Gaithersburg, Maryland, USA *(to be confirmed)*



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- 8:55 – 9:25 AM Influenza Antivirals in H5N1 Disease – Animal Model – Elena Govorkova  
– St. Jude Children’s Research Hospital, Memphis, Tennessee, USA
- 9:25 – 9:55 AM Antiviral Post Exposure Prophylaxis and Usage in Flu Outbreaks: H7N2  
Case Study in Wales – Jonathan Van Tam, Health Protection Agency  
UK/University of Nottingham, United Kingdom
- 9:55 – 11:15 AM Epidemiology, Management and Treatment of Human H5N1:  
Experiences from the Middle and Far East - Chair: Menno de Jong,  
Oxford University Clinical Research Unit, Hospital for Tropical Diseases,  
Ho Chi Minh City, Vietnam
- The Egyptian Experience - Abdel-Nasser Abdel-Ghafar - Ministry of  
Health and Population, Egypt
- The Indonesian Experience – Endang R. Sedyaningsih, National Institute  
of Health Research and Development, Ministry of Health, Indonesia
- The Recent Vietnamese Experience – Heiman F. L. Wertheim, Oxford  
University Clinical Research Unit, National Institute of Infectious and  
Tropical Diseases, Hanoi, Vietnam (*to be confirmed*)
- 11:15 – 11:45 AM Coffee Break
- 11:45 – 12:05 AM Update on Peramivir – W. James Alexander, Senior Vice President,  
Clinical and Regulatory Operations and Chief Medical Officer, BioCryst  
Pharmaceuticals, Inc., Birmingham, Alabama, USA (*to be confirmed*)
- 12:05 – 12:35 PM Update for Influenza: T-705 Compound – Yousuke Furuta, Toyama  
Chemical Co., Ltd, Tokyo, Japan (*to be confirmed*)
- 12:35- 12:55 PM Update on LANI – Jane Ryan, Biota Holdings Limited, Melbourne,  
Australia
- 12:55 – 1:25 PM Oral Presentation x 2
- 1:25 – 2:00 PM Closing Remarks  
- Frederick Hayden, GIP/EPR/CDS, World Health Organization, Geneva,  
Switzerland  
- Malik Peiris, Department of Microbiology, The University of Hong  
Kong, Pokfulam, Hong Kong SAR, China  
- James Gern, University of Wisconsin School of Medicine and Public  
Health, Madison, Wisconsin, USA