XI International Symposium on Respiratory Viral Infections
February 19 – 22, 2009
Bangkok, Thailand

Draft Program (September 1, 2008)

Chairs:

Frederick Hayden  Stuart S. Richardson Professor of Clinical Virology, Professor of Medicine and Pathology, University of Virginia School of Medicine, Charlottesville, Virginia, USA
Nancy Cox  Director, Influenza Division, National Center for Immunization and Respiratory Diseases, Centers for Disease Control and Prevention, Atlanta, Georgia, USA
Tawee Chotpitayasunondh  Queen Sirikit National Institute of Child Health Department of Medical Services, Ministry of Public Health, Bangkok, Thailand

Scientific Advisory Board:

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
James Gern  University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin, USA
Sebastian Johnston  National Heart & Lung Institute, Imperial College, London, UK
Yoshihiro Kawaoka  Univ of Wisconsin & Tokyo, USA & Japan
Sangkot Marzuki  Eijkman Institute of Molecular Biology, Jakarta, Indonesia (invited)
Albert Osterhaus  Erasmus MC, Rotterdam, The Netherlands
Malik Peiris  Department of Microbiology, The University of Hong Kong, Pokfulam, Hong Kong SAR, China
Paul Tambyah  Infectious Diseases, University of Singapore Hospital, Singapore

Day One, Thursday, February 19, 2009

8:00 AM  Registration desk opens

10:00 – 10:10 AM  Opening Remarks & Introduction of Keynote – Frederick Hayden, Stuart S. Richardson Professor of Clinical Virology, Professor of Medicine and Pathology, University of Virginia School of Medicine, Charlottesville, Virginia, USA

10:10 – 10:55 AM  Keynote Speaker – Robert B. Couch, Baylor College of Medicine, Houston, Texas, USA
Lessons Learned in Studying Influenza and Other Respiratory Viruses
Session I

**Epidemiology/Impact**

10:55 – 11:20 AM  ARI Impact and Surveillance: China – Hongjie Yu, Chinese Center for Disease Control and Prevention, Beijing, China *(to be confirmed)*

11:20 – 11:45 AM  ARI Impact and Surveillance: Bangladesh – W. Abdulla Brooks, Division of Health and Infectious Diseases, Mohakali, Dhaka, Bangladesh

11:45 – 12:10 PM  ARI Impact and Surveillance: Cambodia – Sirenda Vong, Institute Pasteur Network, Cambodia

12:10 – 12:35 PM  ARI Impact and Surveillance: Thailand - Kumnuan Ungchusak, Director, Bureau of Epidemiology MOPH – Thailand *(invited)*

12:35 – 1:00 PM  Validating Disease Burden Estimates for Respiratory Virus Infections – S.S. Chiu, Hong Kong University, SAR Hong Kong, China

1:00 – 4:00 PM  Mid-Day Break

4:00 – 4:25 PM  Swine, Horse and Dog Influenza Virus: Threat to Humans – Gregory Gray, University of Iowa, College of Public Health, Iowa, USA

4:25 – 5:10 PM  Oral Presentations X3

5:10 – 5:55 PM  Special Lecture: How Respiratory Viruses are Spread and How to Stop Transmission – Arnold Monto, University of Michigan, Ann Arbor, Michigan, USA

5:55 – 6:25 PM  Poster Review - Albert Osterhaus, Erasmus MC, Rotterdam, The Netherlands

6:30 – 8:30 PM  Welcoming Reception

Day Two, Friday, February 20, 2009

**Session II**

**Minisymposium on H5N1 Animal/Human Interface:** Chairs: Tawee Chotpitayasunondh, Queen Sirikit National Institute of Child Health Department of Medical Services, Ministry of Public Health, Bangkok, Thailand and Menno de Jong, Oxford University Clinical Research Unit, Hospital for Tropical Diseases, Ho Chi Minh City, Vietnam

8:30 – 8:55 AM  H5N1 in Non-avian Species - Albert Osterhaus, Erasmus MC, Rotterdam, The Netherlands

8:55 – 9:20 AM  Poultry Vaccine Efficacy in H5N1 – David Swayne, USDA, Athens, Georgia, USA

9:20 – 10:20 AM  Country-specific experiences
    - Indonesia – 15 minutes – Sardikin Giri Putro, Sulianti Saroso Hospital for Infectious Diseases, Jakarta, Indonesia
    - Egypt – 15 minutes – Abdel-Nasser Abdel-Ghafar, Ministry of Health and Population, Cairo, Egypt
    - China – 15 minutes – Hongjie Yu, Chinese Center for Disease Control and Prevention, Beijing, China *(to be confirmed)*
10:20 – 10:50 AM  Panel Discussion
10:50 – 11:20 AM  Coffee Break

**Session III  Virology and Diagnostics**

11:20 – 11:45 AM  Update on H5N1 and Influenza Diagnostics – Michael Perdue, BARDA, Washington, DC, USA
11:45 – 12:10 PM  Review of VereFlu Chip, Luminex Multiplex format System and Other Diagnostic Tests for Respiratory Disease Detection Platforms – Nancy Cox, Director, Influenza Division, National Center for Immunization and Respiratory Diseases, Centers for Disease Control and Prevention, Atlanta, Georgia, USA
12:10 – 12:35 PM  Overview of Adenovirus 14 and other Adenovirus Infections – Larry Anderson, CDC, Atlanta, Georgia, USA
12:35 – 1:00 PM  New Insights into Rhinovirus Evolution and Detection – Caroline Tapparel, University of Geneva, Switzerland
1:00 – 1:45 PM  Oral Presentations X 3
1:45 – 4:30 PM  Mid-Day Break

**Session IV  Pathogenesis**

4:30 – 4:50 PM  Pre-Clinical Papers Literature Review – SARS & Influenza – Malik Peiris, Department of Microbiology, The University of Hong Kong, Pokfulam, Hong Kong SAR, China
4:50 – 5:10 PM  Pre-Clinical Papers Literature Review – Rhinovirus and Other Respiratory Viruses – Sebastian Johnston, Heart and Lung Institute, Imperial College, London, United Kingdom
5:10 – 5:35 PM  Mechanism of Lung Injuries and Pulmonary Inflammation – Joseph Mizgerd, Molecular and Integrative Physiological Sciences, Harvard School of Public Health, Boston, Massachusetts, USA
5:35 – 6:00 PM  Influenza Virus Receptor Interactions – James Paulson, Scripps Institute, La Jolla, California
6:00 – 6:25 PM  Viral Bacterial Interactions – John McCullers, St. Jude Children’s Research Hospital, Memphis, Tennessee, USA
6:25 – 7:10 PM  Oral Presentations X 3
7:10 – 8:40 PM  Wine/Cheese Reception

**Day Three, Saturday, February 21, 2009**

**Session V  Clinical**

8:30 – 8:50 AM  Literature Review: Clinical Papers Adults – Frederick Hayden, Stuart S. Richardson Professor of Clinical Virology, Professor of Medicine and Pathology, University of Virginia School of Medicine, Charlottesville, Virginia, USA
8:50 – 9:10 AM Literature Review: Clinical Papers Children – Tawee Chotpitayasunondh, Queen Sirikit, National Institute of Child Health, Department of Medical Services, Ministry of Public Health, Bangkok, Thailand

9:10 – 9:55 AM Emerging Infectious Diseases Research in Southeast Asia – Sangkot Marzuki, Eijkman Institute of Molecular Biology, Jakarta, Indonesia (invited)

9:55 – 10:20 AM Influenza in Transplant Patients – Mike Ison, Northwestern University, Evanston, Illinois, USA

10:20 – 10:45 AM Respiratory Viral Infections in Lung Transplant Recipients – Laurent Kaiser, University of Geneva, Switzerland

10:45 – 11:15 AM Coffee Break

11:15 – 12:00 PM Oral Presentations X3

12:00 – 3:00 PM Mid-Day Break

Session VI Vaccinology and Prevention

3:00 – 3:30 PM Special Lecture: Insights into Influenza Pathogenesis and Prevention – Yoshi Kawaoka, University of Wisconsin, Madison, Wisconsin, USA and University of Tokyo, Japan

3:30 – 4:00 PM Pandemic Preparedness: Updated WHO Guidance – Keiji Fukuda – GIP, WHO, Geneva, Switzerland

4:00 – 4:30 PM Methodologies of Assessing Influenza Vaccine Effectiveness – David Shay, CDC, Atlanta, Georgia, USA

4:30 – 5:00 PM Overview of H5 Vaccines – Wendy Keitel – Baylor College of Medicine, Houston, Texas, USA

5:00 – 6:00 PM Oral Presentations X4

6:00 – 6:30 PM Coffee Break

Session VII Antivirals and Therapeutics

6:30 – 7:00 PM Update on Antiviral Resistance in H1N1 – Frederick Hayden, Stuart S. Richardson Professor of Clinical Virology, Professor of Medicine and Pathology, University of Virginia School of Medicine, Charlottesville, Virginia, USA

7:00 – 7:30 PM Drug Therapy for H5 Disease in Southeast Asia – Menno de Jong, Oxford University Clinical Research Unit, Hospital for Tropical Diseases, Ho Chi Minh City, Vietnam

Day Four – Sunday, February 22, 2009

Session VII Antivirals and Therapeutics (Continued)

9:00 – 9:30 AM Novel Agents for Adenoviruses – Karl Hostetler, University of California – San Diego, La Jolla, California, USA
9:30 – 10:00 AM  Drugs Inhibiting Both Host Responses and Virus Replication – Stephan Ludwig, Institut für Molekulare Virology, Westfälische Wilhelms University Muenster, Muenster, Germany

10:00 – 10:45  Updates on Antivirals

Peramivir – W. James Alexander, BioCryst Pharmaceuticals, Inc., Birmingham, Alabama, USA (to be confirmed)

Motavizumab – James Young, MedImmune Inc., Gaithersburg, Maryland, USA (to be confirmed)

T705 Compound – Tsutmo Sakurai, Toyama Chemical Co., Ltd., Toyama, Japan (to be confirmed)

10:45 – 11:15 AM  Coffee Break

11:15 – 11:45 AM  Update on siRNA – John DiVincenzo, University of Tennessee, Memphis, Tennessee, USA

11:45 – 1:00  Oral Presentations X 5

1:00 – 1:30  Closing Remarks – Frederick Hayden, Nancy Cox, Tawee Chotpitayasunondh