

2nd International Conference on
Avian Influenza in Humans:
Recent Developments and Perspectives

Institut Pasteur - Paris - France

May 31- June 1, 2007

Paris Anti-Avian Influenza 2007

Speakers:

Dr Keiji Fukuda	Global Influenza Program, WHO, Geneva, Switzerland
Mr Milan Brahmbhatt	Lead adviser in the East Asia region of the World Bank, USA
Dr Bernard Vallat	OIE, Paris, France
Pr Angus Nicoll	European Centre for Disease Prevention and Control, Stockholm, Sweden
Dr Christopher Murray	Harvard University, Cambridge, USA
Pr Michael G. Katze	University of Washington, Washington, USA
Pr Albert Osterhaus	National Influenza Centre and Department of Virology, Erasmus Medical Centre Rotterdam, Rotterdam, The Netherlands
Dr Terrence Tumpey	Centers for disease control and prevention, Atlanta, USA
Dr Rupert Russell	Centre for Biomolecular Sciences, St Andrews, United Kingdom
Dr Martin Friede	Initiative for Vaccine Research, WHO, Geneva, Switzerland
Dr Stacey Schultz-Cherry	Department of Medical Microbiology and Immunology, University of Wisconsin, Madison, USA
Dr Elena Govorkova	Department of Infectious Diseases, St. Jude Children's Research Hospital, Memphis, USA
Dr David Reddy	Influenza Task Force, F. Hoffmann-La Roche Ltd, Basel, Switzerland
Dr Nader Pourmand	Stanford University, Palo Alto, USA
Dr Marm Kilpatrick	Consortium for Conservation Medicine, New-York, USA
Dr Stefano Marangon	Istituto Zooprofilattico Sperimentale delle Venezie, Padova, Italy
Dr Christianne Bruschke	OIE, Paris, France
Pr Koos Van der Velden	EISS, The Netherlands
Dr Déirdre Hollingsworth	Department of Infectious Disease Epidemiology, Imperial college, London, United Kingdom

Thursday May 31, 2007

8:30 Welcome and registration

Session 1

Political and economic issues of Avian Influenza

8:50 Conference opening

9:00 **Avian Influenza and Human health: Focus on the situation one year after the worldwide outbreak**
Dr Keiji Fukuda, Global Influenza Program, WHO, Geneva, Switzerland

9:30 **Economic impact of the avian influenza propagation**
Mr Milan Brahmbhatt, Lead adviser in the east Asia region of the world bank, USA

10:00 **Avian influenza epizootic: The global situation; prevention and control strategies**
Dr Bernard Vallat, OIE, Paris, France

10:30 Break and poster session/Visit exhibition space

11:00 **Human-to-Human contamination: An increase in the cases number?**
Pr Angus Nicoll, European Centre for Disease Prevention and Control, Stockholm, Sweden.

11:20 **Estimation of potential global pandemic influenza mortality**
Dr Christopher Murray, Harvard University, Cambridge, USA

11:40 Short oral communications

12:30 Lunch and poster session/Visit exhibition space

Session 2

Latest scientific advances on the H5N1 virus

14:00 **Functional Genomics Approaches Reveal Surprising Mysteries Of Influenza: What Can the 1918 Pandemic Teach Us About A Possible H5 Avian Influenza Outbreak?**
Pr Michael G. Katze, University of Washington, Washington, USA

14:20 **Haemagglutinin mutations and binding of H5N1 to human-types receptors: one more step to the pandemic?**
*Pr Albert Osterhaus, National Influenza Centre and Department of Virology
Erasmus Medical Centre Rotterdam, Rotterdam, The Netherlands*

14:40 **Role of host cytokines responses in the pathogenesis of avian H5N1 influenza viruses in mice**
Dr Terrence Tumpey, Centers for disease control and prevention, Atlanta, USA

15:00 **Can the structure of H5N1 neuraminidase lead to the design of new drugs?**
Dr Rupert Russell, Centre for Biomolecular Sciences, St Andrews, United Kingdom

Session 3

Prevention and treatments: Focus on vaccine and drugs development

15:20 Overview on influenza vaccines and their clinical studies

Dr Martin Friede, Initiative for Vaccine Research, WHO, Geneva, Switzerland

15:50 Break and poster session/Visit exhibition space

16:20 Last advances on vaccines development and production: a medical and political point of view

Invitation for all vaccine companies

16:40 Inhibition of influenza virus infection by a novel antiviral peptide that targets viral attachment to cells

*Dr Stacey Schultz-Cherry, Department of Medical Microbiology and Immunology
University of Wisconsin, Madison, USA*

17:00 Oseltamivir therapy in ferrets inoculated with H5N1 influenza viruses

*Dr Elena Govorkova, Department of Infectious Diseases
St. Jude Children's Research Hospital, Memphis, USA*

17:20 Last advances on Oseltamivir (Tamiflu): a medical and political point of view

Dr David Reddy, Influenza Task Force, F. Hoffmann-La Roche Ltd, Basel, Switzerland

Session 4

Latest scientific advances on H5N1 detection

17:30 Diagnostic assay for H5N1 influenza viruses

Dr Nader Pourmand, Stanford University, Palo Alto, USA

18:00 Short oral communications

Gala Dinner

Friday June 1st, 2007

**Session 5
Prevention of Avian influenza in animals**

9:00 Avian influenza in animals: State of the art

9:30 Predicting the global spread of H5N1 avian influenza

Dr Marm Kilpatrick, Consortium for Conservation Medicine, New-York, USA

10:00 Early detection and application of preventive measures

Dr Stefano Marangon, Istituto Zooprofilattico Sperimentale delle Venezie, Padova, Italy

10:30 Break and poster session / Visit exhibition space

11:00 Implementation of vaccination: the do's and don'ts

Dr Christianne Brusckke, OIE, Paris, France

11:30 Avian Influenza eradication: why is it so difficult?

12:00 Short oral communications

12:40 Lunch and poster session / Visit exhibition space

**14:00 - Round table discussion:
Disaster Management Response**

The following questions will be discussed with the chairmen:

Pr Koos Van der Velden, EISS, The Netherlands

Dr Déirdre Hollingsworth, Department of Infectious Disease Epidemiology, Imperial college, London, United Kingdom

Pandemic preparation: is Europe ready? Can the pandemic be predicted?

What are the practical measures and ethical outcomes of a pandemic outbreak?

Controlling of pandemic influenza spread: the example of travel restrictions

15:00 End of the conference

**15:30 Workshop in French
Avian Flu Pandemic:
preparing for the worst case scenario**

The organizing committee is preparing to face a possible avian flu pandemic in France by contemplating worst case scenario.

18:00 End of the workshop