2nd International Conference on Influenza

Scientific Program

September 12-13, 2016   Berlin, Germany
Day 1
September 12, 2016

08:30-09:30  Registrations

Sylt-5

Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Organization</th>
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<tr>
<td>10:00-10:05</td>
<td>Introduction</td>
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<tr>
<td>10:05-10:40</td>
<td>Title: Improved molecular surveillance and new therapeutic responses to the influenza virus using mass spectrometry</td>
<td>Kevin Downard, University of New South Wales, Australia</td>
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<tr>
<td>10:55-11:30</td>
<td>Title: Broad neutralization of influenza viruses and progress towards a universal vaccine and therapy</td>
<td>Ian A Wilson, The Scripps Research Institute, USA</td>
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<tr>
<td>11:30-12:05</td>
<td>Title: Controlling viral infection with Metadichol</td>
<td>Palayakotai Raghavan, Nanorx Inc, USA</td>
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Networking and Refreshment Break 10:40-10:55 @ Foyer

Group Photo

Sessions: Influenza Vaccines: Designs and Developments | Influenza: Causes, Symptoms and Treatment | Influenza Vaccines: Safety and Effectiveness | Advances in Viral Detection and Identification | Host Genetics of Infection and Immunology

Session Chair: Palayakotai Raghavan, Nanorx Inc, USA
Session Co-Chair: Jerzy Radecki, Polish Academy of Science, Poland

Session Introduction

Title: CiFlu®: Development of a novel subunit influenza vaccine candidate based on the ciliate performance expression system
Marcus Hartmann, Cilian AG, Germany

Title: Global recognition of influenza-like severe respiratory illness
Sherwin Morgan, University of Chicago Medicine, USA

Title: Electrochemical immunosensors: Universal tools for rapid detection of viruses
Hanna Radecka, Polish Academy of Science, Poland

Lunch Break 13:20-14:05 @ Restaurant

Title: Electrochemical genosensors based on redox active monolayers: Characterization and applications
Jerzy Radecki, Polish Academy of Science, Poland

Title: DIVA tests for avian influenza, which antigen must be chosen
Farhid Hemmatzadeh, The University of Adelaide, Australia

Title: Multivalent influenza hemagglutinin promotes the immundominance of non-neutralizing antibody responses through reptatively constrained orientation
Daniel Lingwood, The Ragon Institute of MGH, MIT and Harvard University, USA

Title: Challenges in development of chitosan-based adjuvants for influenza vaccines
Yuri M Vasiliev, Mechnikov Research Institute of Vaccines & Sera, Russia

Networking and Refreshment Break 15:45-16:00 @ Foyer

Workshop

Title: One health and pandemic flu
Reza Nassiri, Michigan State University, USA

Panel Discussion
Day 2  September 13, 2016
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Keynote Forum

10:00-10:35  Title: A decade later, another look at what role in global spread of H5N1 played upregulation by host cell dioxin of gene encoding type A influenza virus NS1 binding protein
Ilya B Tsyrlov, XENOTOX Inc, USA

10:50-11:25  Title: Management and prevention of pandemic flu: One health approach
Reza Nassiri, Michigan State University, USA

Sessions: Pathogenicity of Influenza Virus | Antiviral Drug Development and Treatment Strategies, Including Vaccination | Influenza Lung Immunology: Major Aspects | Animal Flu-Ecology
Session Chair: Reza Nassiri, Michigan State University, USA
Session Co-Chair: Hanna Radecka, Polish Academy of Science, Poland

11:25-11:50  Title: Influenza in Russia in 2014-2016
Tatyana Ilyicheva, Vector State Research Center of Virology and Biotechnology, Russia

11:50-12:15  Title: Kallikrein-related peptidase 5 contributes to H3N2 influenza virus infection in human lungs
Melia Magnen, Institut National de la Santé et de la Recherche Médicale, France

12:15-12:40  Title: The clinical characteristics and outcome of H1N1 pneumonia patients with and without acute renal injury
Essam Saad Abdel Rahim Badawy, Minia University, Egypt

12:40-13:05  Title: Types of human influenza virus among patient at Abubakar Tafawa Balewa University Teaching Hospital (ATBUTH), Bauchi, Nigeria
Jacob A Dunga, ATBU Teaching Hospital, Nigeria

Lunch Break 13:05-13:50 @ Restaurant

13:50-14:15  Title: Study on the circulation of influenza A virus in swine populations in Kazakhstan
Nailiya Klivleyeva, Institute of Microbiology and Virology, Kazakhstan

14:15-14:40  Title: Herbal immune boosters: Valuable preventive means for international travelers flu
Mohammad Ali Daneshmehr, Iran University of Medical Sciences, Iran

Poster Presentations @ 14:40-15:30

INF-01  Title: H1N1 2009 pandemic influenza virus: Kinetic, structural and thermodynamic analysis of the H275Y, I223V and S247N neuraminidase resistant mutants
Jana Pokorna, Academy of Sciences of the Czech Republic, Czech Republic

INF-02  Title: Influenza epidemic of 2015-16 influenza season in Taiwan
Ya Tzu Chang, Centers for Disease Control, Taiwan

INF-03  Title: Development and optimization of the assay for screening the compounds disrupting protein-protein interaction in influenza A polymerase
Milan Kozisek, Academy of Sciences of the Czech Republic, Czech Republic

INF-04  Title: Comparison of microporous membranes in the concentration process for high-dose influenza vaccines
Hyeon Jang, Green Cross Corporation, South Korea

INF-05  Title: Application of non-pathogenic PB2 gene of low pathogenic avian influenza virus to H5N1 highly pathogenic avian influenza to generate novel vaccine against HPAI in Korea
Jin-Wook Jang, Seoul National University, South Korea

INF-06  Title: Early outbreak detection through sentinel surveillance system in Senegal
Aliou Barry, Institute Pasteur of Dakar, Senegal

INF-07  Title: Influenza severe cases and deaths in Tunisia: Season 2015-2016
Hind Bouguerra, El Manar University, Tunisia

INF-08  Title: Quantification of the haemagglutinin in monovalent influenza vaccines by a latex agglutination assay (LAA) as an alternative to the single radial immunodiffusion (SRID) assay
Sophie Buffin, Sanofi Pasteur, France

Networking and Refreshment Break 15:30-15:45 @ Foyer

Panel Discussion
Award & Closing ceremony