

## 2009 Africa Influenza Scientific Symposium

**DAY 2: December 8, 2009**

### TOPIC 5: ZONOTIC INFLUENZA AND HUMAN/ANIMAL INTERFACE

**SESSION CHAIR - Dr. Diane Gross, CDC-Atlanta and Dr. Stefano Tempia, CDC-South Africa**

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| 9:00 - 9:30 AM   | <i>Animal-Human Interface in Africa: A US Department of Defense Perspective:</i> <b>Dr. David Schnabel</b>                       |
| 9:30 - 9:45 AM   | <i>Prevention and Preparedness: Formative Research on Poultry Raising and Consumption Practices in the DR Congo:</i> Lauren Blum |
| 9:45 - 10:00 AM  | <i>Avian Influenza Surveillance in Selected Backyard Flocks, Live Bird Market and Wild Birds in Tanzania:</i> Mmeta Yongolo      |
| 10:00 - 10:15 AM | <i>Surveillance for Human Avian Influenza Cases in Ghana :</i> Kofi Bonney   |
| 10:15 - 10:30 AM | <i>Active Surveillance for Influenza Virus Subtypes in Migratory Bird Flyways in Kenya :</i> Samson Limbaso                      |
| 10:30 - 11:00 AM | <b>TEA BREAK</b>   |

### TOPIC 6: INFLUENZA IN AFRICA - FROM THE LABORATORY

**SESSION CHAIR - Dr. Jean-Michel Heraud, Pasteur Institute, Madagascar and Dr. Kariuki Njenga, CDC-Kenya**

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| 11:00 - 11:30 AM | <i>Virologic Surveillance and Laboratory Developments:</i> <b>Dr. Steve Lindstrom, CDC</b>   |
| 11:30 - 11:45 AM | <i>Circulation of Human Influenza Viruses and Emergence of Oseltamivir-resistant A/H1N1 Viruses in Cameroon, Central Africa:</i> Richard Njouom          |
| 11:45 - 12:00 PM | <i>Development of a Real Time RT-PCR Diagnostic Platform for Acute Respiratory Infections Investigation in Madagascar :</i> Norosoa Harline Razanajatovo |
| 12:00 - 12:15 PM | <i>Identification of H1N1 Oseltamivir Resistant Viruses in South Africa using a PCR based Detection Method:</i> Dhamari Naidoo                           |
| 12:15 - 12:30 PM | <i>Phylogenic Analysis of HA1Protein of Influenza A (H1N1) isolates obtained in Kenya in 2007-2008 :</i> Meshack Wadegu                                  |
| 12:30 - 1:30 PM  | <b>LUNCH BREAK</b>   |

### TOPIC 7: QUANTIFYING INFLUENZA IN AFRICA: DISEASE BURDEN AND EPIDEMIOLOGY

**SESSION CHAIR - Dr. Jose Sanchez, Walter Reed, Washington DC and Dr. Joe Bresee, CDC-Atlanta**

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| 1:30 - 2:00 PM | <i>Disease Burden:</i> <b>Dr. Marc-Alain Widdowson, CCID, NCIRD, CDC</b> |
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| 2:00 - 2:15 PM   | <i>Integrating Mortality, Virological, Vaccine and Genomic Data to Infer Influenza Epidemiology: Overview of the MISMS Initiative:</i> Katharine Sturm-Ramirez |                                |
| 2:15 - 2:30 PM   | <i>Estimation of Influenza-related Excess Mortality in South African Seniors, 1998-2005:</i> Cheryl Cohen  |                                |
| 2:30 - 2:45 PM   | <i>The Population-based Burden of Hospitalization due to Influenza, Bondo District, Western Kenya, 2007-2008:</i> Maurice Ope                                  |                                |
| 2:45 - 3:00 PM   | <i>Epidemiological and Virological Surveillance for Influenza-like Illness:</i> Hervé Kadjo  |                                |
| 3:00 - 3:15 PM   | <i>Influenza Surveillance among Children with Severe Pneumonia in Kilifi, Kenya:</i> Marjorie Venter   |                                |
| 3:15 - 3:30 PM   | <b>TEA BREAK</b>   |                                |
| 3:30 - 4:15 PM   | <b>PARALLEL POSTER PRESENTATIONS</b>   |                                |
| <b>POSTER SESSION 1</b>  | <b>POSTER SESSION 2</b>  | <b>POSTER SESSION 3</b>        |
| Session Chair - Dr. Mark Katz  | Session Chair - Dr. David Schnabel   | Session Chair - Dr. Joe Bresee |
| 4:15 - 4:30 PM   | <i>Thirteen Years of Continued Influenza Surveillance in an African Tropical Area, Senegal, 1996-2008:</i> Mbayame Ndiaye-Niang                                |                                |
| 4:30 - 4:45 PM   | <i>Human ParaInfluenza Virus Infections In Kenya: Epidemiologic Aspects:</i> Janet Majanja   |                                |
| 4:45 - 5:00 PM   | <i>Burden of Influenza, Influenza-like Illness and Severe Acute Respiratory Illness in Kibera Slum in Kenya:</i> Emmaculate Lebo                               |                                |
| 5:00 - 5:15 PM   | <i>Study Design for an Assessment of Influenza Vaccine Effectiveness in Niakhar, Senegal:</i> Doudou Diop  |                                |
| 5:15 - 5:45 PM   | <b>ROUND TABLE DISCUSSION</b>  |                                |
|  | <b>TOPIC: Translating Surveillance Data into Disease Burden Information and Interventions - Data for Action</b>  |                                |
| <i>Session Chairs: Dr. Cheryl Cohen, NICD and Dr. Sonja Olsen, CDC</i> |  |                                |