



## **African swine fever Diagnostics, Surveillance, Epidemiology and Control: Identification of Researchable Issues Targeted to the Endemic Areas within sub-Saharan Africa**

Hosted by BecA-ILRI and sponsored by CSIRO-AusAID-Africa Australia Food Security Initiative

Venue Fairview Hotel Nairobi July 19<sup>th</sup>-22<sup>nd</sup> 2011

### **PROGRAM**

- Day 1 July 19<sup>th</sup>:**      **Arrival of residential participants: Dinner in the hotel (a range of restaurants and menus are available)**
- Day 2 July 20<sup>th</sup>:**      **Diagnostics, Surveillance and Epidemiology**
- 8.30-9.00:              Welcome and introduction of participants
- Director Department of Veterinary Services (DVS) Kenya - Peter Ithondeka
- International Livestock Research Institute (ILRI) - Richard Bishop
- 09.00-0915:            Introduction to the BecA-ILRI Hub - Appolinaire Djikeng
- 0915-1000:            African swine fever Overview: Global Importance, ASF Virus Biology and Disease Control Measures - Jose Manuel Sanchez Vizcaino, OIE World Reference Centre, and University of Complutense, Madrid, Spain
- 1000-1030:            Evaluation of Disease Impact and Prediction of the Potential Impact of control measures: Participatory approaches to disease modelling - Jeff Mariner, ILRI
- 10.30-1100:**            **Coffee Break**
- 10.30-1100:            Current Status of Serological and Nucleic acid-based Diagnostic techniques for ASF - Marisa Arias, EU ASF Reference Laboratory, Madrid
- 1100:-1130            Overview of ASF Impact and surveillance in Kenya - Joseph Macharia, Department of Veterinary Services (DVS) Kenya
- 11:30-1200:            Overview of ASF Impact and Surveillance in Uganda - Chris Rutebarika/Rose Ademun, Ministry of Agriculture, Animal Industry and Fisheries (MAAIF), Uganda
- 12-00-1230:            Recent Studies on the Epidemiology of ASF in Uganda - Karl Stahl, Swedish Agricultural University (SLU), Uppsala, Sweden

12.30-1300: ILRI-CISA Collaboration on Surveillance and Molecular Epidemiology of ASFV in East Africa - Marisa Arias-CISA-INIA and Richard Bishop ILRI Kenya

**1300-1400: Lunch**

1400-14.30: The Epidemiology of ASF in Southern Africa - Wilna Vosloo, Australian Animal Health Laboratory (AAHL), Geelong, Australia

14.30-1500: Recent Re-emergence of ASF in Cameroon- Andre Ngangnou LANAVET,

1500-1530: Objectives and planned activities of CSIRO-AusAID funded ASF Epidemiology Project - Richard Bishop, ILRI Kenya

**15:30-1600: Tea Break**

**1600-1700: Discussion on Research Gaps in Surveillance and Epidemiology: Suggested Improvements/additions to ILRI-BecA AusAID project**

**Dinner: In the hotel. A choice of restaurants and menus will be available**

**Day 3: July 21<sup>st</sup>**

**Improved Disease Control Options with a Focus on the Prospects for Vaccine Development**

0900-0930: Modern Approaches to Vaccine Development for ASF - Linda Dixon, Institute for Animal Health Pirbright, UK

0930-1000: Novel Surveillance and Disease Control Approaches and their Application to ASF - Raymond Rowland, Kansas State University, USA

1000-1030: Application of Novel Delivery systems for ASFV antigens - Waithaka Mwangi, Texas A and M University, USA

**1030-1100: Coffee Break**

1100-1130 ASFV Genome Sequencing - Etienne De Villiers ILRI

11.30-1200: Immunoinformatics and Reverse Vaccinology: Potential application to Development of an ASF Vaccine - Nicholas Svitek/Vish Nene

1200-1230: Databases for capture and integration of ASF prevalence, diversity and associated metadata - Martin Norling SLU

1230-1300: The Role of FAO-ECTAD in Transboundary Disease Surveillance and Control with special reference to ASF - Bouna Diop, FAO Regional Office

**1300-1400: Lunch**

1400-1530 Plenary Discussion: Options for vaccine development strategies and probability of success

**1530-1600:**                    **Coffee Break**

**1600-1700:**                    **Group discussions:**

(1) Components of short term disease mitigation packages based on improved bio security measures

(2) Options for the group to collectively seek additional donor funding

**Dinner:**                        **At Leisure in the hotel for residential participants**

**July 22<sup>nd</sup> Check out and departure**

Depending on departure times on 22nd there will be possibilities to arrange a visit to Nairobi National Park or go shopping in Nairobi