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 19th-22nd 2011

PROGRAM

Day 1 July 19th:
Arrival of residential participants: Dinner in the hotel (a range of restaurants and menus are available)

Day 2 July 20th:
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 21st

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 22nd 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