

Final international conference of the COST Action ASF-STOP- Understanding and Combating African Swine Fever in Europe

29-30 January 2020, Paul VI Center, Brescia, Italy

Programme

29th January 2020

8:00-9:00 Registration

9:00-9:30 Opening Session

9:35-10:20 **Plenary talk, invited speaker Dr. Nguyen Van Long**

Session I: Virus, Diagnosis and Vaccinology

Chairs: Maria Montoya and Marie-Frédérique Le Potier

10:25-10:55: **Key-note speaker Germán Andrés:** Structure and composition of African Swine Fever virus

10:55-11:10 Maria Montoya - Serum-Derived Extracellular Vesicles from African Swine Fever Virus-Infected Pigs Selectively Recruit Viral and Porcine Proteins

11:10-11:25 Linda Dixon - The African swine fever virus A179L Bcl-2 family member is required for efficient replication in porcine macrophages.

11:25-11:40 Fernando Ferreira - Studies on viral DNA replication-related genes towards the ASFV control

11:40-11:55 Vlad Petrovan - Investigating the role of African swine fever virus Gene EP402R in virus persistence in blood in vivo

11:55-12:10 Pedro José Sanchez-Cordón - Neuropathology and viral antigen distribution in the central nervous system of domestic pigs experimentally infected with African swine fever virus

12:10-13:10 Lunch break

Session II: ASF in wild boar and Control Strategies

Chairs: Ferran Jori and Carolina Probst

13:15-13:45 **Key-note speaker Vittorio Guberti** - Surveillance of ASF in wild boar: from early detection to long lasting endemic situations

13:45-14:00 Sofie Dhollander - -Seasonality of African swine fever incidence in wild boar in the Baltic States and Poland

14:00-14:15 Vladimir Grosbois - Mapping the detectability of wild boar carcass with the SIG MCDA approach

14:15-14:30 Tomasz Podgórski - Spread by the dead: role of live and dead wild boar in spatio-temporal dynamics of African swine fever

14:30-14:45 Andrzej Jarynowski - Evaluation of mitigation strategies (border fencing and blocking animals corridors on motorway) for ASF in Poland

14:45-15:00 Xander O'Neill - Modelling the transmission and persistence of African swine fever in wild boar in contrasting European scenarios

15:00-15:25 Coffee break

Chairs: Edvins Oļševskis and Sofie Dhollander

15:30-15:45 Arnoldas Pautienius - Change in prevalence and spatial distribution of African swine fever in Lithuanian wild boar population

15:45-16:00 Kerli Mõtus - A participatory approach to support the control of African swine fever in wild boar

16:00-16:15 Ömer Orkun - Initial results of the study investigating the presence of ASF virus in wild boars and their ticks in Turkey

16:15-16:30 Rémi Pereira De Oliveira - Vector competence: a co-evolution story between African Swine Fever Virus and soft ticks Ornithodoros?

16:30-16:45 Claude Saegerman - Assessment of the impact of forestry and leisure activities on wild boar spatial disturbance and the associate risk of spreading African swine fever virus

16:45-17:00 Carolina Probst - Decomposition of wild boar carcasses

17.00-17.15: Annick Linden - ASF-WB in Belgium, one year after the emergence

19:00 Conference dinner

30th January

Session III: ASF in domestic pigs and Biosecurity

Chairs: Silvia Bellini and Marco Tamba

9:00-9:30 **Key-note speaker Anette Boklund** - Risk factor in Romanian backyard farms

9:30-9:45 Ana de la Torre - Flyers on ASF preventive measures for pig farms

9:45-10:00 Timothée Vergne - Modelling the role of stable flies in the transmission of African swine fever virus in outdoor pig farms

10:00-10:15 Jasna Prodanov Radulović - African swine fever: a biosecurity challenge for pig production in Serbia

10:15-10:30 Branko Angjelovski - Biosecurity assessment of Macedonian commercial pig farms using an online scoring system

10:30-10:45 Arvo Viltrop - Risk factors for introduction of African swine fever to domestic pig herds with emphasis to external biosecurity measures - a case-control study in Estonia

Session IV: Infection Dynamics and Control

Chairs: Erika Chenais and Fernando Boinas

10:50-11:20 **Key-note speaker Karl Ståhl** - Lack of evidence for long term carriers of African swine fever virus - a systematic review

11:20-11:35 Ludek Broz - Towards Veterinary Anthropology: Manifesto of an Emerging Field

11:35-11:50 Alvydas Malakauskas - Why me? Patterns in African swine fever outbreak farms in Lithuania

11:50-12:05 Imbi Nurmoja - Five years of African swine fever in Estonia: How close we are to freedom?

12:10–13:10 Lunch break

Chairs: Imbi Nurmoja and Karl Ståhl

13:15-13:45 **Invited speaker Andrei Blokhin** - Spatio-temporal analysis of the spread of ASF in the Russian Federation in 2017-2019

13:45-14:00 Anton Gerilovych, African swine fever and its way through Asia and towards Europe (Ukraine 2016-2019: lessons learned)

14:00-14:15 Kathryn Gowan - Housing ASF pigs in high containment

14:15-14:30 Kristīne Lambergā - Can we improve ASF control by learning from outbreaks?

14:30-14:45 Claude Saegerman - Ranking of blood feeding arthropods in Metropolitan France based on their putative vector capacity to transmit African Swine Fever virus: a first expert knowledge elicitation

14:45-15:10 Coffee break

Session V: Knowledge Communication

Chairs: Laura Iacolina and Tomasz Podgórski

15:15-15:25 **Key-note speaker Dolores Gavier-Widén** - Four years of advances in African swine fever in Europe by the ASF-STOP COST Action

15:25-15:30 Marco De Nardi. Pitch presentation of SAFOSO (<https://www.safoso.ch/>)

15:30-15:45 Alberto Laddomada - African swine fever eradication programme in Sardinia: an update

15:45-16:00 Laura González Villeta - Research gap analysis on African swine fever

16:00-16:15 Jan Hendrik Forth - Eight years wasting money - do we need ASFV whole-genome sequencing?

16:15-16:30: Marco De Nardi - Are we replacing African Swine Fever (ASF) with Avian Influenza (AI)?

16:30–17:00 Poster presentations

-Bojan Adžić, Surveillance of African Swine Fever in wild boars and domestic pigs in Montenegro

-Giorgia De Lorenzi, African swine fever: pig farms cleaning and disinfection procedures

-Kastriot Korro, Could African Swine Fever be spread in wild boars of Albania

-Branislav Kureljušić, The first occurrence of African Swine Fever in Serbia – epidemiological, clinical, pathological and molecular investigation

-Jonna Kyyrö, African swine fever surveillance in Finland 2010-2018

-Emil Wikström Lassa, Improvements in pathology capacity and early detection of African swine fever in Sweden by Short-Term Scientific Missions

-Jovan Mirčeta, Preventive measures in wild boar population in the Republic of Serbia

-Andrius Petrašiūnas, Possible transmission of ASFV by insects: studies in Lithuania

-Tamas Petrovic, Surveillance of ASF in domestic pigs after the first introduction of disease in Serbia

-Claude Saegerman, African Swine Fever virus in illegal pork meat imported in Belgium by travellers from Cameroun, August 2017

-Patricia Sastre, Diagnostic tools for the surveillance and control of African swine fever in domestic pigs and wild boar

-Alessandra Scaburri, Analysis of the introduction of pigs in Lombardy region as a tool for assessing the potential risk of introducing pathogens and to plan control activities

-Marina Štukelj, Short Term Scientific Mission in Lithuania: African Swine Fever Management and Control

-Marco Tamba, A method to identify areas at risk of African Swine Fever diffusion where planning a preventive wild boar population control program

-Ivan Toplak, The preventive measures for incursion of African swine fever in Slovenia

-Ina Toppari, Improving biosecurity on Finnish pig farms by Biocheck.UGent® evaluations

17:00 Closing remarks