



## TRAINING WORKSHOP PROGRAM

### Day 1 (Monday, June 17)

**Individual arrival to Pokrov**

**16:00 – 18:00: Workshop registration and materials distribution**

### Day 2 (Tuesday, June 18)

**9:00 –9:30 Opening session**

**Welcome address: Dr. Denis Kolbasov and a representative from Ministry of Agriculture**

**Introduction: The ASFORCE project**

**Speaker: Prof. Carlos Martins**

**Faculdade de Medicina Veterinária (FMV, Portugal)**

**Quizz of learning outcomes**

**9:30- 11:00: History, socio-economic impact, aetiology and pathogenesis of ASFV infection**

**Speaker: Prof. Carlos Martins, FMV**

Learning objectives:

- To learn the historical background of the origin, socio-economic impact, relevant aspects of the aetiology and viral-host interactions influencing the outcome of the disease.

**11:00- 11:30: Coffee break**

**11:30 – 12:30: How does ASF look like? Clinical signs and Pathology of the disease**

**Speaker: Dr. Marco Sensi, Istituto Zooprofilattico Sperimentale**

**Dell'Umbria e Delle Marche (IZSUM, Italy)**

Learning objectives:

- To recognize ASF clinical signs and lesions and compare them with the ones from other swine diseases

**12:30- 13:30: Discussion**

**13:30 – 14:30: Lunch**



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Project "Targeted research effort on African swine fever" .  
funded by EU, FP7, Grant Agreement 311931.  
Total cost: EUR 6 533 526. . EU Contribution: EUR 5 000 000  
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## **14:30 – 17:00: ASF Epidemiology**

### **Topics:**

**Epidemiology of ASF in different scenarios** (Dr. Sandra Blome, Friedrich Loeffler Institut, FLI, Germany)

**The role of wild boar on ASF epidemiology** (Dr. Sandra Blome, FLI)

**Situation of ASF in Sardinia** (Dr. Marco Sensi, IZS-UM)

**Social epidemiology of ASF** (Dr. Timothee Vergne, Royal Veterinary College, RVC, UK)

### **Learning objectives:**

- To know the routes of transmission and spread of the disease in different scenarios
- To know the risk factors for the introduction and dissemination of the disease
- To know the social impact of ASF

**17:00 -17:300** – Coffee break

**17:30 - 19:00: Video on ASF in Africa and Round table discussion (all speakers)**

**Moderator: Prof. Carlos Martins**

**19: 00: Dinner**

## **Day 3 (Wednesday, June 19)**

**9:00 – 9:45: If I see a suspected case, what should I do?**

**And what happens to the samples when they get into the lab?**

**Speaker: Prof. Victor Kurinnov, VNIIVViM**

**9:45 – 10:30: Legal measures to prevent and control ASF in EU**

**Speaker: Dr. Sandra Blome, FLI**

### **Learning objectives:**

- To know which samples to collect, how to manage them, and to where they should be sent
- To be aware of which authorities report should be done to, when in the presence of a potential case
- To be aware of the current laboratorial diagnostic techniques

**10:30 – 11:00: Coffee break**

**11:00- 12:00: ASF Bio security: personal, farm and laboratory levels. Control.**

**Speaker: Prof. Victor Gerasimov, VNIIVViM**

### **Learning objectives:**

- To know the ASF bio security critical points, at different levels
- To be able to implement the recommended control/prevention strategies to avoid virus spread

**12:00 – 13:00: Round table final discussion. All speakers and participants**

**13:00 – 14:00: Quiz of learning outcomes and training feedback survey**

**14:00: Conclusion session with Russian Chief Veterinary Officer**



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## SPEAKERS



**Dr. Marco Sensi** received his DVM degree in 1981 from the University of Perugia (Italy), and also holds, from the same university, a post-graduate diploma in Animal Health and Hygiene of Animal Breeding and Production Certificate (2004). He started his career serving the Italian Army (1982-1983), as Military Veterinary Officer. From 1984-1991, he worked as Veterinary manager and genetic controller (PIC Italia). From 1991-1999 he worked for the Petrini Feed Company, as Veterinary manager pig specialist, and from 1999-2000, he worked also as Veterinary manager, but for HBI Italia. Since 2001, he keeps his professional activity as Veterinary Manager, at the Istituto Zooprofilattico Sperimentale dell'Umbria e delle Marche (IZSUM). Dr. Sensi is involved in several national and international research projects. He is the author and/or co-author of more than 110 publications. He attended as senior expert in cooperation programs funded by the EU commission regarding the surveillance, prevention and control activities of infectious diseases, the management of epidemic emergency and contingency plans and training of professional and technical personnel (Contract CRIS No. 226-870 for "Technical Assistance for the Control and Eradication of Classical Swine Fever (CSF) and Rabies in Serbia" and Contract No. EuropeAid/128207/C/SER/ME "Support for the control and eradication of rabies and Classical Swine Fever in Montenegro"). **E-mail:** [m.sensi@izsum.it](mailto:m.sensi@izsum.it)



**Dr. Timothée Vergne** is a French veterinarian graduated in 2008 at the Veterinary Faculty in Toulouse, France. During his master degree on Animal Health and Epidemiology in Tropical Countries (CIRAD, France), he studied the transmission of Trypanosoma evansi in Thailand trying to understand the epidemiological link between small rodents and livestock. From 2009 to 2012, Timothée completed his PhD in France: in close collaboration with the French Food Safety Agency and the CIRAD, he worked on the understanding of disease detection and reporting processes and the quantitative assessment of animal disease surveillance systems through capture-recapture methodologies and statistical modelling of disease surveillance data. His field work included scrapie in France, foot-and-mouth disease in Cambodia and highly pathogenic avian influenza in Thailand and Egypt. Since then, Timothée kept a strong interest in the surveillance of animal diseases. In November 2012, he joined the Royal Veterinary College (London, UK) as a research assistant. He now dedicates his work to the understanding of the African swine fever epidemic that started in Trans-Caucasian countries in 2007. Within the ASFORCE project, Timothée leads the tasks dedicated to the modelling of ASF spread and to the identification of cost-effective control measures. **E-mail:** [tvergne@rvc.ac.uk](mailto:tvergne@rvc.ac.uk).



**Dr. Sandra Blome** is a German veterinarian, that received her Doctor of Veterinary Medicine degree in 2002, from the University of Leipzig, Faculty of Veterinary Medicine. Since then, she has dedicated her career to the swine industry. Dr. Blome completed her dissertation about "Pathogenesis of Classical Swine Fever (CSF): Analysis of Coagulation Disorders" at the Hannover University of Veterinary Medicine. Also in Hannover, she started working as senior scientist and laboratory supervisor at the EU and OIE Reference Laboratory for CSF. Currently she works as senior scientist at the Friedrich-Loeffler-Institut (FLI), Institut of Diagnostic Virology, Germany, where she is the head of the German national reference laboratory for CSF and ASF. Among other activities, she is involved with the routine diagnosis, execution of animal experiments (research, production of reference material, vaccine potency testing) and with the performance of national inter-laboratory comparison tests. **E-mail:** [sandra.blome@fli.bund.de](mailto:sandra.blome@fli.bund.de)



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**Prof. Victor Kurinnov.** Professional activity in National Research Institute of Veterinary Virology and Microbiology since 1979; degree of Doctor of veterinary sciences received in 2000, Head of the Laboratory of Diagnostics. General researches in 1980 – 2007 were carried out: classical swine fever (CSF) and African swine fever (ASF) studies, field virus isolation, modeling of different forms of infections, including their mixed course, and laboratory method precision. In connection with ASF introduction to the Caucasus and the Russian Federation (RF) since 2007 provides scientific and technical coordination of veterinary laboratory work, diagnosis confirmation, regular training of veterinary practitioners in sampling and laboratory method carrying out; takes part in ASF outbreak eradication,

diagnostics management planning, ASF monitoring and control in regions; is an expert of RF Ministry of Agriculture. **E-mail:** [Kurinnov@mail.ru](mailto:Kurinnov@mail.ru)



**Prof. Victor Gerasimov** was born in Nesterov, Kaliningrad region, in 1949. Of Russian citizenship, he is a Doctor of Veterinary Science, an expert in animal infections, particularly swine diseases. Until 2008 he worked together with experts of the Civil Defense and Emergency services, Federal Service on Surveillance for Consumer rights protection and human well-being, Federal Service for Veterinary and Phytosanitary Surveillance of Russia, and Ecological and Veterinary Services of Vladimir region of the Ministry of Agriculture and the Ministry of Health of the Russian Federation in the sphere of developing veterinary safety measures, various security actions and veterinary affairs, countermeasures against probable biological terrorism and their practical realization in the current conditions of the Federal State-Funded Institution All-Russian

Research Institute for Animal Health (FSFI ARRIA) activities. At the present time he is a member of staff of the State Research Institution National Research Institute for Veterinary Virology and Microbiology of Russia (SRI NRIVVaMR) of the Russian Academy of Agricultural Sciences and is actively participating development of programs and proposals on the problems of African swine fever prevention and eradication in the Russian Federation. He has previously been a member of scientific societies like the Cell Culture Association, St. Petersburg, and the Society of Genetic Resources Preservation, Moscow. **E-mail:** [victor\\_father@mail.ru](mailto:victor_father@mail.ru)



**Prof. Carlos Martis** was born in Mozambique in 1948. Of Portuguese citizenship, he is Full Professor of Infectious Diseases at the Faculdade de Medicina Veterinária, Universidade Técnica de Lisboa. Besides his teaching activities (started in Mozambique in 1973 and pursued to date at the Faculdade de Medicina Veterinária) he has dedicated his scientific career to research on ASF, namely on the characterization of different aspects about viral-host interactions. He has previously participated and/or coordinated national and EU supported research projects on ASF and has established strong links with the international scientific community dealing with different aspects of this relevant and threatening disease of swine. He is the coordinator of the ASFORCE project. **E-mail:** [cmartins@fmv.utl.pt](mailto:cmartins@fmv.utl.pt)

## CONSORTIUM



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