

## **26 August 2019, Kalkscheune Berlin**

8.00 am onwards	<b>Registration</b>	
9.00 am - 1.00 pm	<b>YOUNG EPIZONE</b> (restricted meeting) <b>WELCOME</b> <b>WORKSHOP “Sketchnoting and Storytelling”</b>	
12.30 pm - 2.00 pm		<b>EPIZONE Coordinating Forum &amp; Executive Committee meeting</b> (restricted meeting, CF&EC members only)
1.00 pm - 2.00 pm	<b>YOUNG EPIZONE</b> Lunch Break	
2.00 pm - 2.15 pm	<b>WELCOME</b> to the 13th EPIZONE Annual Meeting	
2.15 pm - 3.00 pm	<b>KEYNOTE LECTURE - Threats at the European borders 1</b> <b>Viral Hemorrhagic fevers – a coming threat for Europe?</b> Roger Hewson - Public Health England - Porton Down, United Kingdom	
3.00 pm - 3.45 pm	<b>KEYNOTE LECTURE - Current challenges inside Europe 1</b> <b>Influenza at the domestic – wildlife interface</b> Thijs Kuiken - Erasmus MC, The Netherlands	
3.45 pm - 4.15 pm	<b>Coffee Break</b>	
4.15 pm - 5.30 pm	<b>SESSION 1: Threats at the European borders 1</b>	<b>SESSION 2: Current challenges inside Europe 1</b>
4.15 pm	<b>Heterogeneities that contribute to increased Peste des petits ruminants seroprevalence in sheep, goats, and cattle in northern Tanzania</b> Catherine M Herzog - Pennsylvania State University, State College, Pennsylvania, USA	<b>Modulation of HPAIV H5N8 infection in naturally LPAIV- exposed Mallards</b> Lorenz Ulrich - Friedrich-Loeffler-Institut, Germany
4.30 pm	<b>Molecular basis of Peste des Petits Ruminants Virus emergence in Mongolian wildlife</b> Camilla Benfield - Royal Veterinary College, University of London	<b>The effect of defective viral particles on the course of infection with avian influenza virus in chickens and turkeys</b> Krzysztof Smietanka - National Veterinary Research Institute, Poland
4.45 pm	<b>Evolution of attenuation and risk of reversal in Peste des Petits Ruminants vaccine strain Nigeria 75/1</b> Roger-junior Eloiflin - UMR ASTRE, CIRAD, Montpellier France	<b>Evolution of highly pathogenic non-H5/H7 virus from a natural H4N2 avian influenza virus with a polybasic cleavage motif</b> Elsayed M. Abdelwhab - Friedrich-Loeffler-Institut, Germany
5.00 pm	<b>Development of live attenuated PPR DIVA vaccines using reverse genetics</b> Satya Parida - The Pirbright Institute, UK	<b>Using Sediment, Environmental and Wild Bird Samples as Tools for Avian Influenza Surveillance</b> Alexander MP Byrne - Animal and Plant Health Agency, UK
5.15 pm	<b>An experimental vaccine based on a recombinant MERS-CoV S1-protein induces broad protective immune responses in llama</b> Jordi Rodon Aldrufeu - IRTA, Centre de Recerca en Sanitat Animal (CRESA, IRTA-UAB), Spain	<b>Connect to Protect: Insights into the Role of Captive Birds in Virus Spread and Reassortment during the Outbreak of Highly Pathogenic Avian Influenza, Germany 2016-2018</b> Jacqueline King - Friedrich-Loeffler-Institut, Germany
5.45 pm - 6.45 pm	<b>WELCOME LECTURE</b> <b>Diseases and the media; fake news or reality?</b> Christian Griot - Institute of Virology and Immunology, Switzerland	
7.00 pm - 9.00 pm	<b>WELCOME RECEPTION and POSTER SESSION</b>	

**27 August 2019, Kalkscheune Berlin**

9.00 am - 9.45 am	<b>KEYNOTE LECTURE - Threats at the European borders 2</b> <b>PPR: a threat or a problem?</b> Michael Baron - United Kingdom	
9.45 am - 10.30 am	<b>KEYNOTE LECTURE - Current challenges inside Europe 2</b> <i>Besnoitia besnoiti</i> : An emerging protozoal infection in cattle in Europe Philippe Jacquet - Veterinary School of Toulouse, France	
10.30 am - 11.00 am	<b>Coffee Break</b>	
11.00 pm - 12.30 pm	<b>SESSION 3: Threats at the European borders 2</b> <b>SESSION 4: Current challenges inside Europe 2</b>	
11.00 am	<b>A poly-uridine insertion in the 3'-untranslated region found in a classical swine fever low virulent strain modulates virulence</b> Miaomiao Wang - OIE Reference Laboratory for classical swine fever, IRTA-CReSA, Spain	<b>Polymorphism in the hemagglutinin proteolytic cleavage site of H9N2 affected proteolytic activation and cell-to-cell spread in cell culture and virus excretion in infected poultry</b> Claudia Blaurock - Friedrich-Loeffler-Institut, Germany
11.15 am	<b>Immunological mechanisms underlying classical swine fever persistent infection</b> José Alejandro Bohórquez - OIE Reference Laboratory for classical swine fever, IRTA-CReSA, Spain	<b>Comparison of experimental infections of mulard ducks with French H5N8 and H5N1 avian influenza viruses</b> Beatrice Grasland - Anses Laboratory of Ploufragan-Plouzané-Niort, France
11.30 am	<b>Proteogenomics Uncovers Critical Elements of Host Response in Bovine Soft Palate Epithelial Cells Following In Vitro Infection with Foot-And-Mouth Disease Virus</b> Florian Pfaff - Friedrich-Loeffler-Institut, Germany	<b>ts-mutants of porcine influenza viruses: Pathway to live-attenuated vaccines in pigs?</b> Annika Graaf - Friedrich-Loeffler-Institut, Germany
11.45 am	<b>Evaluation of environmental sampling as a low technology method for surveillance of foot-and-mouth disease virus in an endemic area</b> Claire Colenutt - The Pirbright Institute, UK	<b>Transcriptional response after single and double infection of Vero cells with Mammalian Orthoreovirus and Porcine Epidemic Diarrhea Virus</b> Marcel Hulst - Wageningen Bioveterinary Research, The Netherlands
12.00 pm	<b>RAPID, ON SITE, DIAGNOSIS OF FMD AND SAFE AND COST-EFFECTIVE SHIPMENT OF SAMPLES</b> Aurore Romey - Laboratoire de Santé Animale de Maisons-Alfort, France	<b>GII NOROVIRUS IN SWINE FAECAL SAMPLES IN NORTHERN ITALY: IDENTIFICATION OF TWO DIFFERENT GENOTYPES</b> Lara Cavicchio - Istituto Zooprofilattico Sperimentale delle Venezie, Italy
12.15 pm	<b>Studies on pathogenesis of Capripox virus-induced diseases and evaluation of diagnostic tools</b> Janika Möller - Friedrich-Loeffler-Institut, Germany	<b>Seroprevalences of newly discovered porcine pestiviruses in German pig farms</b> Anna Michelitsch - Friedrich-Loeffler-Institut, Germany
12.30 pm - 1.30 pm	<b>Lunch Break</b>	
1.30 pm - 2.15 pm	<b>KEYNOTE LECTURE - African Swine Fever 1</b> <b>Combating African swine fever - the example of Sardinia</b> Alberto Laddomada - Istituto Zooprofilattico Sperimentale della Sardegna, Italy	
2.15 pm - 3.00 pm	<b>KEYNOTE LECTURE - Vector-borne diseases 1</b> <b>Ticks and Tick-borne pathogens - always new challenges ahead</b> Martin Pfeffer - University Leipzig, Germany	
3.00 pm - 4.30 pm	<b>Coffee Break and POSTER SESSION</b>	

4.30 pm - 6.00 pm	<b>SESSION 5: African Swine Fever 1</b>	<b>SESSION 6: Current challenges inside Europe 3</b>
4.30 pm	<b>African swine fever in domestic pigs - Epidemiological insights from Estonia</b> Imbi Nurmoja - Estonian University of Life Sciences, Estonia; Veterinary and Food Laboratory, Estonia	<b>Genome sequencing of bat coronaviruses obtained from faecal samples using a metagenomics approach</b> Christina M. Lazov - DTU Vet, Technical University of Denmark, Denmark
4.45 pm	<b>Comprehensive approach to control and prevent African Swine Fever in Italy</b> Francesco Feliziani - Istituto Zooprofilattico Sperimentale Umbria e Marche, Italy	<b>Expanding the known distribution of European Bat 1 Lyssaviruses - Investigation of two common Pipistrelle Bats from Baden-Wuerttemberg</b> Sten Calvelage - Friedrich-Loeffler-Institut, Germany
5.00 pm	<b>Smallholders' perceptions on biosecurity and disease control in relation to African swine fever in an endemically infected area in northern Uganda</b> Erika Chenais - National Veterinary Institute, Sweden	<b>First cases of CWD in Sweden - perhaps spontaneously occurring?</b> Maria Nöremark - National Veterinary Institute, SVA, Uppsala, Sweden
5.15 pm	<b>Experimental study of soft tick vector competence for African Swine Fever in Europe</b> Rémi Pereira De Oliveira - CIRAD-INRA, France	<b>Could IgM antibodies be a marker of acute Bb infection in cattle?</b> Loic Comtet - IDvet, France
5.30 pm	<b>Immunopathogenesis and diagnosis of african and classical swine fever virus co-infections in domestic pigs</b> Katarzyna Stępniewska - OIE Reference Laboratory for classical swine fever, Spain; National Veterinary Research Institute, Poland	<b>Testing of a Pan-virus Metagenomic Array Detection assay (MAD-Vir) using panels of samples from animals experimentally infected with known viruses</b> Miguel Ángel Jiménez-Clavero - INIA-CISA, Valdeolmos, Spain
5.45 pm	<b>ASFV evolution in the natural host - a co-evolutionary virus-vector arms race?</b> Jan Hendrik Forth - Friedrich-Loeffler-Institut, Germany	<b>One Health approach in animal disease management, based on demographic features and socio-economic indicators</b> Federica Loi - Osservatorio Epidemiologico Veterinario Regionale, Cagliari, Italy
7.00 pm - 10.00 pm	<b>SOCIAL EVENING</b> - Dinner cruise on the river Spree, Start at the Kalkscheune at 6.15 pm	

## 28 August 2019, Kalkscheune Berlin

9.00 am - 9.45 am	<b>KEYNOTE LECTURE - African Swine Fever 2</b> <b>Managing African swine fever – the African experience</b> Marie-Louise Penrith - South Africa	
9.45 am - 10.30 am	<b>KEYNOTE LECTURE - Vector-borne diseases 2</b> <b>Orbiviruses on the move</b> Karin Darpel - The Pirbright Institute, United Kingdom	
10.30 am - 11.00 am	<b>Coffee Break</b>	

11.00 am - 12.30 pm

**SESSION 7: African Swine Fever 2**

**SESSION 8: Vector-borne diseases 2**

11.00 am

**Promoter mapping and transcriptome analyses of the African Swine Fever Virus**  
Gwenny Cackett - University College London, UK

**Genome manipulation of West Nile and Usutu viruses**  
Alessio Lorusso - Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise, Italy

11.15 am

**African swine fever virus Armenia/07 virulent strain controls IFN- $\beta$  production through cGAS-STING pathway**  
Daniel Pérez-Núñez - CBMSO-CSIC, Spain

**Identification of amino acid changes playing a role in RVFV attenuation in mice**  
Belén Borrego - Centro de Investigación en Sanidad Animal, INIA-CISA, Spain

11.30 am

**Generation of defined gene deletion mutants of African swine fever virus as live vaccine candidates**  
Tonny Kabuuka - Friedrich-Loeffler-Institut, Germany

**New clinical pattern of Bluetongue serotype 8 in continental France**  
Stephan Zientara - ANSES Alfort, France

11.45 am

**Vectored vaccines for African swine fever virus: testing potential T-cell antigens delivered via adenovirus and vaccinia vectors**  
Raquel Portugal - The Pirbright Institute, UK

**Exploring the immunogenicity and efficacy of bivalent Rift Valley Fever and Bluetongue experimental vaccines**  
Sandra Moreno - Centro de Investigación en Sanidad Animal, INIA-CISA, Spain

12.00 pm

**Biological and genetic characteristics of African swine fever virus adapted strain ASFV/ARRIAH/CV-1/30 derived from Odintsovo 02/14 isolate**  
Ali Mazloun - Federal Centre for Animal Health, Russian Federation

**Vector competence for Lumpy Skin Disease Virus of laboratory-reared and field-collected insects from Switzerland**  
Anca Ioana Paslaru - University of Zürich and Institute of Virology and Immunology, Mittelhäusern, Switzerland

12.15 pm

**The African swine fever virus A179L Bcl-2 family member is required for efficient replication in porcine macrophages**  
Linda Dixon - The Pirbright Institute, UK

**Risk of transmission of LSDV from experimentally infected cattle to insect vectors**  
Beatriz Sanz Bernardo - The Pirbright Institute, UK

12.45 pm - 1.00 pm

**SUMMARY and FAREWELL**