



# 10TH ANNUAL MEETING EPIZONE, MADRID 27-29 SEPTEMBER 2016

## FINAL PROGRAM (09 VIII 2016)

SEPTEMBER 27th 2016	
TIME	SESSION
9:00-17:00h	Young epizone meeting
14:00-16:00h	Coordinating forum meeting
18:00-19:30h	Registration and poster setting
19:30-22:00h	Welcome cocktail at Novotel Madrid Center

SEPTEMBER 28th 2016			
TIME	SESSION		
9:00-9:30h	Welcome by Wim Van der Poel and Victor Briones ( <i>Carmen Vela, Deputy Minister of R&amp;D, Ministry of Economy and Competitiveness; Manuel Lainez, Director of INIA, to be confirmed</i> )		
9:30-10:10h	Opening lecture: Prof. JOSÉ MANUEL SÁNCHEZ-VIZCAINO (Complutense University, Madrid, Spain) "One health: a personal view"		
<b>Topic I: Animal health in a changing world</b>			
10:10-10:50h	Keynote lecture 1: Dr. ALEXANDER MORROW (DEFRA, UK) "International Research Consortium on Animal Health: Working Together to Address Global Challenges"		
10:50-11:20h	Coffee break and poster session		
11:20-12:00h	Keynote lecture 2: Dr. JORDI FIGUEROLA (Estación Biológica de Doñana, Seville, Spain) "Transmission dynamics of zoonotic arboviruses with avian reservoir"		
12:00-13:00h	Parallel session I: Diagnostics and Intervention strategies	Parallel session II: Epidemiology&surveillance and Risk assessment	Poster presentations on Epidemiology&surveillance and Risk assessment (topics I+II+III)
12:00-12:15h	Screening of tick-borne pathogens in Caribbean ticks using High-throughput qPCR (DOMOTICK Project) (M.Gondard, France)	Animal Disease Surveillance System in China: the Current Status, Challenges and Opportunities (S.Li, China)	12:00-12:06h Outbreaks and genetic characterization of porcine epidemic diarrhea (PED) virus in Korea (K.Lee, Korea) 12:06-12:12h Analysing the role of virus populations in chronic infections with classical swine fever virus (M.Jenckel, Germany)
12:15-12:30h	Multispecie serological assays to detect antibodies specific of Mycobacterium tuberculosis complex in wildlife (A.Ranz, Spain)	Virulence of current PEDV-strains in Germany (S.Leidenberger, Germany)	12:12-12:18h Virome characterization of Culex pipiens in France through metagenomic analysis (P.Gil, France) 12:18-12:24h Evidence of asymptomatic West Nile virus infections in horses in Central Spain, 2011-2013 (F.Llorente, Spain) 12:24-12:30h Has the evolving cattle transport network in Finland 2009-2015 changed the potential for disease spread? (T.Lyytikäinen, Finland)
12:30-12:45h	Detection of bovine viral diarrhoea virus type 2 (BVDV-2) causing abortion outbreaks on commercial sheep flocks (L.Elvirá, Spain)	First identification of Mammalian orthoreovirus type 3 in diarrheic pigs in Europe (A.Moreno, Italy)	12:30-12:36h The potential role of wild pigs in the spread and maintenance of African swine fever at the wildlife-livestock interface in Uganda (K.Stahl, Sweden) 12:36-12:42h A cartographic tool for managing African Swine Fever in Eurasia: mapping wild boar distribution based on the quality of available habitat (J.Bosch, Spain)
12:45-13:00h	Efficacy of Suvaxyn CSF Marker (CP7_E2alf) in the presence of pre-existing pestiviral antibodies (S.Blome, Germany)	Velogenic Newcastle disease virus takes advantage of transmission capabilities to suppress lentogenic virus during coinfection (L.Hajjin, France)	12:42-12:48h Evaluation of insect larvae as possible mechanical vectors for transmission of ASFV in wild boar populations (J.H.Forth, Germany) 12:48-12:54h MediLabSecure: Implementing a network of virology and entomology laboratories for a One Health approach of vector-borne and respiratory viruses in the Mediterranean and Black Sea regions (L.Gaaveb, France) 12:54-13:00h Detection and full genome sequencing of Beta-CoV viruses related to Middle East Respiratory Syndrome from two bats in Italy (A.Moreno, Italy)
13:00-14:00h	Lunch		
14:00-15:00h	Parallel session I (cont): Diagnostics and Intervention strategies	Parallel session II (cont): Epidemiology&surveillance and Risk assessment	Poster presentations on Diagnostics and Intervention strategies (topics I+II+III)
14:00-14:15h	Experimental infection in turkeys with Bagaza virus (R.Villalba, Spain)	Relationship between landscape characteristics and colony health in Apis mellifera in Tenerife Island (Spain) (S.Barroso, Spain)	14:00-14:06h Generation of a recombinant structure of West Nile virus, in a baculovirus system, useful for diagnostic procedures (B.Rebollo, Spain) 14:06-14:12h Infection Dynamics of Respiratory Viruses In Cattle Herds (P.Tuncer, Turkey)
14:15-14:30h	Evaluation of the pathogenicity in grey partridges experimentally infected with Bagaza virus and its potential role as competent host (C.Cano, Spain)	High complexity of West Nile virus lineages and strains detected in the mosquito vector Culex pipiens of northeastern Italy, 2010-2015 (G.Capelli, Italy)	14:12-14:18h Occurrence of Swine Enteric Coronavirus (SeCoV) infection during 2016 within Central Eastern Europe (A.Botner, Denmark) 14:18-14:24h Induction of FMDV- specific T and B cell responses in vivo using calcivirus-based virus-like particles (G.Rangel, Spain) 14:24-14:30h Use of baculovirus pseudotyping to characterise the antigenic structure of AHSV-VP2 (M.Aksular, UK)
14:30-14:45h	Divergence in the molecular diagnosis of Porcine Reproductive and Respiratory Syndrome virus (B.Cay, Belgium)	Concurrent emergence of Usutu and West Nile virus in 2015 in France (S.Lecollinet, France)	14:30-14:36h Validation of a new eLISA & qPCR for the diagnosis of African swine fever (L.Comtet, France) 14:36-14:42h Comparative evaluation of the performance of six ELISA tests for the detection of antibodies against African swine fever virus (ASFV) (P. Fernandez-Pacheco, Spain)
14:45-15:00h	Influence of glycoprotein C on Bovine Herpesvirus-1 virion composition and implications for diagnostics (S. Koethe, Germany)	Pathogenicity evaluation of twelve West Nile virus strains belonging to four lineages from five continents in a mouse model: discrimination between three pathogenicity categories (E.Perez-Ramirez, Spain)	14:42-14:48h Generation of African swine fever virus recombinants lacking membrane proteins p22 or pE199L (A.Hubner, Germany) 14:48-14:54h Differential regulation of type I interferon and epidermal growth factor pathways by a Bluetongue virus virulence factor (C.Kundlacz, France) 14:54-15:00h Haematological parameters as a tool to evaluate efficacy of bluetongue virus vaccines in IFNAR(-/-) mice (A.Marin, Spain)

SEPTEMBER 28th 2016	
TIME	SESSION
<b>Topic II: Threats at the European borders</b>	
15:00-15:40h	<b>Keynote lecture 3: Prof. AYKUT OZKUL (Ankara University, Turkey): "Current status of PPR, LSD and AKA diseases in Turkey: Risk(s) for European threat"</b>
15:40-16:20h	Coffee break and poster session
16:20-17:00h	<b>Keynote lecture 4: Dr. EMILIANA BROCCHI (IZSLER, Brescia, Italy) "Foot-and-mouth disease viruses on the move: changing epidemiological patterns"</b>
17:00-18:30h	<b>Parallel session III: Diagnostics and Intervention strategies</b>
17:00-17:15h	Concurrent Infection of Bluetongue (BT) and Peste des Petits Ruminants (PPR) in Awassi Sheep in Jordan (N.Hailat, Jordan)
17:15-17:30h	Improvement of the protective immune response in swine by co-inoculation of synthetic RNA and an FMDV vaccine. (B.Borrego, Spain)
17:30-17:45h	Efficacy and immune responses of DNA and MVA vaccines against Rift Valley fever in sheep (G.Lorenzo, Spain)
17:45-18:00h	Replication and shedding of Middle East respiratory syndrome coronavirus (MERS-CoV) in experimentally inoculated pigs and llamas (J.Vergara-Alert, Spain)
18:00-18:15h	Structural protein VP2 of African horse sickness virus is not essential for virus replication in vitro. (P.van Rijn, Netherlands)
18:15-18:30h	The presence of pre-formed antigen in the inoculum of experimental MVA-VP2 vaccines for African horse sickness virus plays an important role in the vaccine immunogenicity. (J.Castillo-Olivares, UK)
20:30h-onwards	Gala dinner

SEPTEMBER 29th 2016	
TIME	SESSION
<b>Topic III: Current challenges inside Europe</b>	
9:00-9:40h	<b>Keynote lecture 5: Dr. ALBERTO LADDOMADA (IZSSA, Sardinia, Italy) "Animal disease control: which challenges in the next decades?"</b>
9:40-10:20h	<b>Keynote lecture 6: Dr. MARISA ARIAS (INIA-CISA, Valdeolmos, Spain) "African swine fever: An approach of what we are facing"</b>
10:20-11:00h	Coffee break and poster session
11:00-11:40h	<b>Keynote lecture 7: Dr. ALESSIO LORUSSO (IZSAM, Teramo, Italy) "Bluetongue: a candidate for delisting... 'yet it moves'"</b>
11:40-13:10h	<b>Parallel session V: ASF: Diagnostics and Intervention strategies</b>
11:40-11:55h	Deletion of interferon inhibitory genes from virulent African swine fever virus results in attenuation and induction of protection against challenge (L.Dixon, UK)
11:55-12:10h	Ornithoros tick salivary, an intrinsic component of vector competence in transmission of African swine fever virus to pigs (M.F.Le Potier, France)
12:10-12:25h	Experimental characterization of a recombinant live attenuated African swine fever virus with crossprotective capabilities (F.Rodríguez, Spain)
12:25-12:40h	African swine fever strain "replaces" attenuated homologous strain after challenge (A.Malogolovkin, Russia)
12:40-12:55h	Purification and Proteome analysis of African Swine Fever Virus Particles (C.Kessler, Germany)
12:55-13:10h	Role of tetherin restriction factor on African swine fever virus infection (D.Pérez-Nuñez, Spain)
13:10-14:10h	Lunch
14:10-14:50h	<b>Keynote lecture 8: Dr. KRIS DE CLERCQ (CODA-CERVA, Brussels, Belgium) "Lumpy skin disease: an old disease but a new challenge to Europe"</b>
14:50-16:20h	<b>Parallel session VII: ASF: Epidemiology&amp;surveillance and Risk assessment</b>
14:50-15:05h	Serological survey and geographical analysis of its results in an ASF endemic territory (F.Feliziani, Italy)
15:05-15:20h	Characterization of pig production in Sardinia and its relationship with ASF presence (C.Jurado-Díaz, Spain)
15:20-15:35h	Tandem repeat sequence in the intergenic region MGF 505 9R/10R is a new marker of the genetic variability among ASF Genotype II viruses (A.Igolkin, Russia)
15:35-15:50h	First evidence of an attenuated phenotype of genotype II African swine fever virus in Estonia (L.Zani, Germany)
15:50-16:05h	Experimental pig-to-pig transmission study with a recent European African Swine Fever virus isolate (A.S.Olesen, Denmark)
16:05-16:20h	In vivo experimental studies of genotype II African swine fever virus (ASFV) isolates currently circulating in two Estonian counties (C.Gallardo, Spain)
16:20-16:45h	Closing session