

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

FINAL PROGRAM (10.8.2016)

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

SEPTEMBER 28th 2016

TIME	SESSION		
8:00h-onwards	Registration		
9:00-9:30h	Welcome by Wim Van der Poel and Victor Briones (<i>Carmen Vela, Deputy Minister of R&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) " <i>One health: a personal view</i> " (Chairperson: Victor Briones)		
Topic I: Animal health in a changing world			
10:10-10:50h	Keynote lecture 1: Dr. ALEXANDER MORROW (DEFRA, UK) " <i>International Research Consortium on Animal Health: Working Together to Address Global Challenges</i> " (Chairperson: Wim Van der Poel)		
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) " <i>Transmission dynamics of zoonotic arboviruses with avian reservoir</i> " (Chairperson: Miguel Angel Jiménez-Clavero)		
12:00-13:00h	Parallel session I: Diagnostics and Intervention strategies (Chairpersons: Anette Botner and Alejandro Brun)	Parallel session II: Epidemiology&surveillance and Risk assessment (Chairpersons: Shuo Li and Ana de la Torre)	Poster presentations on Epidemiology&surveillance and Risk assessment (topics I+II+III) (Chairpersons: Maria Jenckel and Cristina Cano)
12:00-12:15h	O1. -Screening of tick-borne pathogens in Caribbean ticks using High-throughput qPCR (DOMOTICK Project) (M.Gondard, France)	O9. -Animal Disease Surveillance System in China: the Current Status, Challenges and Opportunities (S.Li, China)	12:00-12:06h P1.-Outbreaks and genetic characterization of porcine epidemic diarrhea (PED) virus in Korea (K.Lee, Korea) 12:06-12:12h P2.-Analysing the role of virus populations in chronic infections with classical swine fever virus (M.Jenckel, Germany) 12:12-12:18h P3.-Virome characterization of Culex pipiens in France through metagenomic analysis (P.Gil, France)
12:15-12:30h	O2. -Multispecies serological assays to detect antibodies specific of Mycobacterium tuberculosis complex in wildlife (A.Ranz, Spain)	O10. -First identification of Mammalian orthoreovirus type 3 in diarrheic pigs in Europe (A.Moreno, Italy)	12:18-12:24h P4.-Evidence of asymptomatic West Nile virus infections in horses in Central Spain, 2011-2013 (F.Llorente, Spain) 12:24-12:30h P5.-Has the evolving cattle transport network in Finland 2009-2015 changed the potential for disease spread? (T.Lyytikäinen, Finland) 12:30-12:36h P6.-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 P7.-A cartographic tool for managing African Swine Fever in Eurasia: mapping wild boar distribution based on the quality of available habitat (J.Bosch, Spain) 12:42-12:48h P8.-Evaluation of insect larvae as possible mechanical vectors for transmission of ASFV in wild boar populations (J.H.Forth, Germany) 12:48-12:54h P9.-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 P10.-Detection and full genome sequencing of Beta-CoV viruses related to Middle East Respiratory Syndrome from two bats in Italy (A.Moreno, Italy)
12:30-12:45h	O3. -Detection of bovine viral diarrhoea virus type 2 (BVDV-2) causing abortion outbreaks on commercial sheep flocks (L.Elvirá, Spain)	O11. -Virulence of current PEDV-strains in Germany (S.Leidenberger, Germany)	
12:45-13:00h	O4. -Efficacy of Suvaxyn CSF Marker (CP7_E2alf) in the presence of pre-existing pestiviral antibodies (S.Blome, Germany)	O12. -Velogenic Newcastle disease virus takes advantage of transmission capabilities to suppress lentogenic virus during coinfection (L.Hajjin, France)	
13:00-14:00h	Lunch		
14:00-15:00h	Parallel session I (cont): Diagnostics and Intervention strategies (Chairpersons: Alexander Morrow and Victor Briones)	Parallel session II (cont): Epidemiology&surveillance and Risk assessment (Chairpersons: Thierry Van den Berg and Fernando Esperón)	Poster presentations on Diagnostics and Intervention strategies (topics I+II+III) (Chairpersons: Saskia Bergervoet and Eva Calvo)
14:00-14:15h	O5. -Experimental infection in turkeys with Bagaza virus (R.Villalba, Spain)	O13. -Relationship between landscape characteristics and colony health in Apis mellifera in Tenerife Island (Spain) (S.Barroso, Spain)	14:00-14:06h P11.-Generation of a recombinant structure of West Nile virus, in a baculovirus system, useful for diagnostic procedures (B.Rebollo, Spain) 14:06-14:12h P12.-Infection Dynamics of Respiratory Viruses In Cattle Herds (P.Tuncer, Turkey) 14:12-14:18h P13.-Occurrence of Swine Enteric Coronavirus (SeCoV) infection during 2016 within Central Eastern Europe (A.Botner, Denmark) 14:18-14:24h P14.-Induction of FMDV-specific T and B cell responses in vivo using calcivirus-based virus-like particles (G.Rangel, Spain) 14:24-14:30h P15.-Use of baculovirus pseudotyping to characterise the antigenic structure of AHSV-VP2 (M.Aksular, UK) 14:30-14:36h P16.-Validation of a new cELISA & qPCR for the diagnosis of African swine fever (L.Comtet, France) 14:36-14:42h P17.-Comparative evaluation of the performance of six ELISA tests for the detection of antibodies against African swine fever virus (ASFV) (P.Fernandez-Pacheco, Spain) 14:42-14:48h P18.-Generation of African swine fever virus recombinants lacking membrane proteins p22 or pE199L (A.Hubner, Germany) 14:48-14:54h P19.-Differential regulation of type I interferon and epidermal growth factor pathways by a Bluetongue virus virulence factor (C.Kundlacz, France) 14:54-15:00h P20.-Haematological parameters as a tool to evaluate efficacy of bluetongue virus vaccines in IFNAR(-/-) mice (A.Marin, Spain)
14:15-14:30h	O6. -Evaluation of the pathogenicity in grey partridges experimentally infected with Bagaza virus and its potential role as competent host (C.Cano-Gómez, Spain)	O14. -High complexity of West Nile virus lineages and strains detected in the mosquito vector Culex pipiens of northeastern Italy, 2010-2015 (G.Capelli, Italy)	
14:30-14:45h	O7. -Divergence in the molecular diagnosis of Porcine Reproductive and Respiratory Syndrome virus (B.Cay, Belgium)	O15. -Concurrent emergence of Usutu and West Nile virus in 2015 in France (S.Lecollinet, France)	
14:45-15:00h	O8. -Influence of glycoprotein C on Bovine Herpesvirus-1 virion composition and implications for diagnostics (S. Koethe, Germany)	O16. -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)	

SEPTEMBER 28th 2016	
TIME	SESSION
Topic II: Threats at the European borders	
15:00-15:40h	Keynote lecture 3: Prof. AYKUT OZKUL (Ankara University, Turkey): "Current status of PPR, LSD and AKA diseases in Turkey: Risk(s) for European threat" (Chairperson: Jovita Fernández-Pinero)
15:40-16:20h	Coffee break and poster session
16:20-17:00h	Keynote lecture 4: Dr. EMILIANA BROCCHI (IZSLER, Brescia, Italy) "Foot-and-mouth disease viruses on the move: changing epidemiological patterns"(Chairperson: Noemi Sevilla)
17:00-18:30h	Parallel session III: Diagnostics and Intervention strategies (Chairpersons: Martin Beer and Noemi Sevilla) Parallel session IV: Epidemiology&surveillance and Risk assessment (Chairpersons: Wim Van der Poel and Jovita Fernández-Pinero)
17:00-17:15h	O17.- Concurrent Infection of Bluetongue (BT) and Peste des Petits Ruminants (PPR) in Awassi Sheep in Jordan (N.Hailat, Jordan) O23.- Bayesian evolutionary analysis of FMD viruses collected from outbreaks that occurred in Maghreb regions during 2014-2015 (G.Pezzone, Italy)
17:15-17:30h	O18.- Improvement of the protective immune response in swine by co-inoculation of synthetic RNA and an FMDV vaccine. (B.Borrego, Spain) O24.- Regional evolutionary dynamics of peste des petits ruminants virus in West Africa: influence of livestock trade (A.Bataille, France)
17:30-17:45h	O19.- Efficacy and immune responses of DNA and MVA vaccines against Rift Valley fever in sheep (G.Lorenzo, Spain) O25.- Are camelids and wild boar possible hosts of PPRV? (C.Schulz, Germany)
17:45-18:00h	O20.- Replication and shedding of Middle East respiratory syndrome coronavirus (MERS-CoV) in experimentally inoculated pigs and llamas (J.Vergara-Alert, Spain) O26.- Rift Valley fever virus and European mosquitoes: vector competence of <i>Culex pipiens</i> and <i>Aedes albopictus</i> . (A.I.Núñez, Spain)
18:00-18:15h	O21.- Structural protein VP2 of African horse sickness virus is not essential for virus replication in vitro. (P.van Rijn, Netherlands) O27.- Outbreak of Epizootic haemorrhagic disease virus in Israel 2015: distribution, duration and infectivity. (N.Golender, Israel)
18:15-18:30h	O22.- 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) O28.- Animal health risk of legally imported exotic animals into The Netherlands (C.deVos, Netherlands)
20:30h-onwards	Gala dinner

SEPTEMBER 29th 2016	
TIME	SESSION
Topic III: Current challenges inside Europe	
9:00-9:40h	Keynote lecture 5: Dr. ALBERTO LADDOMADA (IZSSA, Sardinia, Italy) "Animal disease control: which challenges in the next decades?" (Chairpersons: José Manuel Sánchez-Vizcaíno and Marisa Arias)
9:40-10:20h	Keynote lecture 6: Dr. MARISA ARIAS (INIA-CISA, Valdeolmos, Spain) "African swine fever: An approach of what we are facing" (Chairpersons: José Manuel Sánchez-Vizcaíno and Alberto Laddomada)
10:20-11:00h	Coffee break and poster session
11:00-11:40h	Keynote lecture 7: Dr. ALESSIO LORUSSO (IZSAM, Teramo, Italy) "Bluetongue: a candidate for delisting... 'yet it moves'" (Chairperson:Javier Ortego)
11:40-13:10h	Parallel session V: ASF: Diagnostics and Intervention strategies (Chairpersons: Linda Dixon and Carmina Gallardo) Parallel session VI: BT and other ruminant diseases: Epidemiology&surveillance and Risk assessment (Chairpersons: Ana Moreno and Miguel Angel Jimenez-Clavero)
11:40-11:55h	O29.- Deletion of interferon inhibitory genes from virulent African swine fever virus results in attenuation and induction of protection against challenge (L.Dixon, UK) O35.- Re-emergence of Bluetongue serotype 8 in France in September 2015 (S.Zientara, France)
11:55-12:10h	O30.- Ornithosoma tick salivary, an intrinsic component of vector competence in transmission of African swine fever virus to pigs (M.F.Le Potier, France) O36.- A Novel Bluetongue Virus in Healthy Goats from Sardinia, Italy (A.Lorusso, Italy)
12:10-12:25h	O31.- Experimental characterization of a recombinant live attenuated African swine fever virus with crossprotective capabilities (F.Rodríguez, Spain) O37.- Bluetongue: farm risk profile definition by retrospective analysis (S.Cappai, Italy)
12:25-12:40h	O32.- African swine fever strain "replaces" attenuated homologous strain after challenge (A.Malokolovkin, Russia) O38.- Sheep infection studies closely simulating natural transmission suggest vector competence characteristics might influence selection of field reassortment strains of bluetongue virus (K.Darpe, UK)
12:40-12:55h	O33.- Purification and Proteome analysis of African Swine Fever Virus Particles (C.Keßler, Germany) O39.- Genetically stable infectious schmallenberg virus persists in foetal envelopes of pregnant ewes (N.De Regge, Belgium)
12:55-13:10h	O34.- Role of tetherin restriction factor on African swine fever virus infection (D.Pérez-Nuñez, Spain) O40.- Cowpox virus-host interactions: Determination of defined virulence factors (A.Franke, Germany)
13:10-14:10h	Lunch
14:10-14:50h	Keynote lecture 8: Dr. KRIS DE CLERCQ (CODA-CERVA, Brussels, Belgium) "Lumpy skin disease: an old disease but a new challenge to Europe" (Chairperson: Alejandro Brun)
14:50-16:20h	Parallel session VII: ASF: Epidemiology&surveillance and Risk assessment (Chairpersons: Marie Frederique LePotier and Marisa Arias) Parallel session VIII: BT and other ruminant diseases: Diagnostics and Intervention strategies (Chairpersons: Stephan Zientara and Javier Ortego)
14:50-15:05h	O41.- Serological survey and geographical analysis of its results in an ASF endemic territory (F.Feliziani, Italy) O47.- Efficacy of BTVPUR ALSAP 8 in sheep after a single injection (C.Hamers, France)
15:05-15:20h	O42.- Characterization of pig production in Sardinia and its relationship with ASF presence (C.Jurado-Díaz, Spain) O48.- Bluetongue virus infection of bovine monocytes is altered in the presence of Culicoides sonorensis salivary proteins (L.Cooke, UK)
15:20-15:35h	O43.- 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) O49.- Recall T cell responses to Bluetongue virus produce a narrowing of the T cell repertoire (J.M.Rojas, Spain)
15:35-15:50h	O44.- First evidence of an attenuated phenotype of genotype II African swine fever virus in Estonia (L.Zani, Germany) O50.- Schmallenberg virus infects bovine monocyte derived dendritic cells (C.Harding, UK)
15:50-16:05h	O45.- Experimental pig-to-pig transmission study with a recent European African Swine Fever virus isolate (A.S.Olesen, Denmark) O51.- DNA Vaccination Regimens Against Schmallenberg Virus Suggest Two Novel Targets For Immunization (H.Boshra, Spain)
16:05-16:20h	O46.- In vivo experimental studies of genotype II African swine fever virus (ASFV) isolates currently circulating in two Estonian counties (C.Gallardo, Spain) O52.- Development of high resolution melt (HRM) analyses for DIVA and genotyping of Lumpy skin disease virus (LSDV) and Bovine ephemeral fever virus (BEFV) (O.Erster, Israel)
16:20-16:45h	Closing session