

EPIZONE 6th ANNUAL MEETING PROGRAMME

Time	Tuesday 12 June 2012, Old Ship Hotel		
12 June	Old Ship Hotel		
9.00-17.30 14-00-17.00	Young Epizone, CF Meeting Small Meetings	Regency and Boardrooms Fecamp Room	
18.00-20.00	Welcome drinks and canapés	Paginini Room	
Time	Wednesday 13 June 2012, Corn Exchange, Brighton Dome		
13 June	Pavilion Theatre, Dome	Founders Room, Dome	Corn Exchange
8.50 -9.00	Introduction Wim Van der Poel , Coordinator, EPIZONE John Fazakerley , Director, IAH		
9.00-9.40	Keynote : Sarah Cleaveland , University of Glasgow, UK . Identifying virus reservoirs in complex ecosystems: new tools for an old problem.		
9.40-10.20	Keynote: Stuart Nichol , CDC, USA Rift Valley fever: hitting a moving target with a One Health approach		
10.20-10.50	Coffee in Corn Exchange		Coffee
	Session 1: Epidemiology and emerging diseases Chairs: Wim van der Poel, Alex Donaldson	Session 2: Diagnosis Chairs: Martin beer, Christian Chriot	

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13 June	Pavilion Theatre, Dome	Founders Room, Dome	
10.50-11.05	E&ED- 1: EU FP7 project Anticipating the global onset of novel epidemics [ANTIGONE]: Workpackage 3: Interspecies Barriers for Vector-borne Zoonotic Pathogens. Nick Johnson, AHVLA, UK	D-1: Validation and establishment of an optimized DNA-microarray system for the non targeted detection of viruses. Bjorn Abendroth, FLI, Germany	
11.05-11.20	E&ED- 2: Emergence of three mosquito-borne epornitic Flaviviruses (West Nile Virus, Usutu Virus, and Bagaza Virus in Spain: Challenges for diagnosis and control. Miguel A., Jimenez-Clavero, INIA, Spain	D-2: Exclusion diagnostics for highly contagious diseases – a new tool for early detection. Barbara Thuer, IVI, Switzerland	
11.20-11.35	E&ED- 3: An emerging flavivirus has a potential to move from duck to mouse in China. Qiyun Zhu, LVRI, PR China	D-3: A hand-held platform to detect trans-boundary livestock disease viruses using loop-mediated isothermal amplification (LAMP). Mikidache Madi, IAH, UK	
11.35-11.50	E&ED- 4: BTV8 infections in pregnant cows during late gestation. Giovanni Savini, IZS, Italy	D-4: Epitope mapping for monoclonal antibodies to the structural protein N of Rift Valley Fever Virus using a peptide phage display approach. G Lorenzo, CISA/INIA, Spain	
11.50-12.05	E&ED- 5: A model in sheep and cattle to study the effect of vaccination on vertical transmission of BTV-8. Mirjam Van Der Sluijs, MSD Animal Health, Netherlands	D-5: Typing of viral haemorrhagic septicaemia virus (VHSV) by monoclonal antibodies. Niels Joergen Oeleson, VET-DTU, Denmark	
12.05-12.20	E&ED- 6: Detection of Bluetongue outbreak in Smolensk region of Russia in 2011. Agnesa Panferova, National Institute of Vet. Virol. and Microbiol., Pokrov, Russia	D-6: Rapid detection of goose circovirus by loop-mediated isothermal amplification (LAMP). Grzegorz Wozniakowski, NVRI, Poland	
12.20-12.35	E&ED- 7: Bluetongue virus serotype 26 (BTV-26) – evidence for direct contact transmission in goats. Carrie Batten, IAH, UK	D-7: EPIZONE: Multicenter study for the comparison of nucleic acid extraction methods. Bernd Hoffman, FLI, Germany	

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12.35-14.00	Lunch and poster viewing in Corn Exchange		Lunch and poster viewing
13 June	Pavilion Theatre, Dome	Founders Room, Dome	
14.00-14.40	Keynote: James Wood , University of Cambridge UK. Influenza Virus Evolution		
	Session 3: Epidemiology and emerging diseases Chairs:	Session 4: Next Generation Sequencing Chairs: Don King	
14.45-15.00	E&ED- 8: Italian H1N2 swine influenza viruses: different evolutionary trends compared to European viruses. Ana Moreno , IZSLER, Italy	NGS-1: What's in a strain?" Random access next generation sequencing of virus isolates as a diagnostic and quality control tool. Steven Van Borm , CODA-CERVA, Belgium	
15.00-15.15	E&ED- 9: A virulent East-European Porcine Reproductive and Respiratory Syndrome virus strain induces pathology and a pronounced immune response. Eefke Weesendorp , CVI, Netherlands	NGS-2: The first detection of Schmallenberg-virus by metagenomic sequencing and intelligent bioinformatics. Matthias Scheuch , FLI, Germany	
15.15-15.30	E&ED- 10: Survey of several infectious diseases of zoonotic and epizootic significance in Austrian wildlife. Adolf Steinrigl , Austrian Agency for Health and Food Safety, Modeling, Austria	NGS-3: Deep sequencing of African swine fever virus (ASFV) from direct field samples in multiple outbreaks in Uganda: implications for the spread and control of ASF. Charles Maseembe , Makerere University, Uganda	
15.30-15.45	E&ED- 11: EPIZONE: Use of veterinary databases within the EPIZONE Network: the metadata core group. Nicola Ferre , IZS Venetie, Italy	NGS-4: Intra and Inter-Host Transmission of FMDV Studied at the Ultra-Deep level through Space and Time. Caroline Wright , IAH, UK	
15.45-16.00	E&ED- 12: Peste des petits ruminants in European sheep and goats experimentally infected with a highly virulent Kurdish strain. Kerstin Wernicke , FLI, Germany	NGS-5: Use of Full Genome Sequences to Determine Transmission Pathways of Foot-and-Mouth Disease Virus During Animal-to-Animal Experimental Infection. Begona Valdazo-Gonzalez , IAH, UK	
16.00-17.45	Poster session in Corn Exchange		Poster Session
18.00-23.30	Evening Dinner Pier Fairground 18.00-19.30 at the Pier 19.30- 23.30		

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Thursday 14th June

Time	Pavilion Theatre	Founders Room	Corn Exchange
9.00 -9.40	Keynote: Oliver Pybus , Oxford University, UK. "Viral evolution: endless forms most probable"		
9.40-10.20	Keynote: Christian Drosten , University Bonn, Germany. "Bats as Virus Reservoirs"		
10.20-10.50	Coffee in Corn Exchange		Coffee
	Session 5: African swine fever Chairs: Dirk Pfeiffer, Marie-Frédérique le Potier	Session 6: Intervention Strategies Chairs: Frank Koenen, Alejandro brun	
10.50-11.05	ASF-1: Molecular characterisation of African swine fever outbreak viruses in Africa can assist in ASF control. Juanita Van Heerden , ARC, OVI, S. Africa	IS-1: Rescued 'serotyped' bluetongue viruses based on vaccine-related BTV6\ net08 confer full protection in sheep against virulent BTV8\ net06. Piet Van Rijn , CVI, Netherlands	
11.05-11.20	ASF-2: Analysis of low input pig farming in western Kenya in relation to prevalence of infection by an African swine fever virus genotype that does not induce apparent clinical symptoms or a detectable serological response. Richard Bishop , ILRI, Nairobi, Kenya	IS-2: Bluetongue virus induces type I IFN in primary plasmacytoid dendritic cells via a MyD88 dependent TLR7/8 independent signalling pathway. Suzana Ruscana , INRA, Jouey en Josas, France	
11.20-11.35	ASF-3: Spatio-temporal dynamics of African Swine Fever in Gulu district, northern Uganda. Karl Stahl , Agricultural University of Sweden, Uppsala, Sweden	IS-3: Sensing and control of Bluetongue virus infection in epithelial cells via RIG-I and MDA5 helicases. Virginie Doceul , Anses-INRA-ENVA, Maisons Alfort, France	

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11.35-11.50	ASF-4: Incidence of African Swine Fever infection in Sardinia during the 2011: a new epidemic or an old epiphenomenon? Francesca Feliziani , IZSUM, Italy	IS-4: Potential application of FMDV non-coding RNAs as immune adjuvants on FMDV vaccination. Belem Borrego , CISA/INIA, Spain	
11.50-12.05	ASF-5: Detection of specific antibodies in the organs of dead domestic pigs and wild boars after an experimental acute ASF infection and at the infection outbreaks in Russia in 2008 to 2011. Denis Kolbasov , National Institute of Vet. Virol. and Microbiol., Pokrov, Russia	IS-5: Foot-and-mouth disease vaccine matching by liquid phase blocking ELISA. Tom Willems , VAR-CODA, Belgium	
12.05-12.20	ASF-6: Experimental characterization of the Caucasian African swine fever virus isolate in adult wild boar – confirmation of high virulence. Sandra Blome , FLI, Germany	IS-6: Morbillivirus V proteins targets multiple components of IFN signalling pathway to control IFN action. Senthil Chinnakannon , IAH, UK	
12.20-12.35	ASF -7: African swine fever virus entry by endocytosis. Signaling and cellular targets required for a successful infection. Covadonga Alonso , CISA/INIA, Spain	IS-7: Evaluation of the protective potential in lambs of a recombinant MVA vaccine encoding the Rift Valley fever virus glycoproteins. Alejandro Brun , CISA/INIA, Spain	
12.35-13.50	Lunch and poster viewing in Corn Exchange		Lunch and poster viewing
13.50-14.00	Poster prizes		
14.00-14.40	Keynote: Carmina Gallardo , CISA-INIA, Madrid, Spain "African swine fever (ASF) in Africa. The role of the African indigenous pigs in the transmission of the disease".		
	Session 5: African swine fever virus Chairs: Chris Oura, Linda Dixon	Session 6: Intervention Strategies Chairs: Elisabeth Erlacher, Franz Conraths	
14.40-14.55	ASF -8: African swine fever virus uses macropinocytosis to enter host cells. Elena Garcia , CBMSO-CSIC-UAM, Madrid, Spain	RA-1: Highly Pathogenic Avian Influenza transmission risks: analysis of biosecurity measures and contact structure in Dutch poultry farming. Amos Ssematimba , CVI, Netherlands	

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14.55-15.10	ASF -9: DNA immunization as a tool to design and develop future vaccines against ASFV. Fernando Rodriguez , CReSA, Barcelona, Spain	RA-2: Assessing state and federal responses in USA to simulated introductions of Rift Valley Fever virus. Paul Gibbs , University of Florida, USA	
15.10-15.25 14 June	ASF -10: ASFV genes interfering with host cellular pathways: Actors for ASFV vaccine development. Yolanda Revilla , CBMSO-CSIC-UAM, Madrid, Spain	RA-3: Contribution of Foot-and-Mouth Disease virus contaminated environment to the transmission of the disease in calves. Carla Bravo de Rueda , CVI, Netherlands	
15.25-16.00	Coffee in Corn Exchange		Coffee
	Session 5: ASFV continued	Session 6: Intervention Strategies continued	
16.00-16.15	ASF -11: Deletion of two virulence associated genes, DP71L and DP96R, from the genome of the attenuated ASFV strain OURT88/3 reduces protection induced in pigs. Charles Abrams , IAH, UK	RA-4: Horizontal transmission of Hepatitis E virus from experimentally infected wild boars to domestic pigs. Josephine Schlosser , FLI, Germany	
16.15-16.30	ASF -12: EPIZONE Partial protection of pigs inoculated with an attenuated ASFV strain, OURT88/3, against the highly virulent Georgia 2007/1 isolate. Marie-Frederique le Potier , Anses	RA-5: EPIZONE – Impact of climate change on risk of incursion of Crimean-Congo Haemorrhagic Fever Virus in livestock in Europe through migratory birds.. Paul Gale , AHVLA, UK	
16.30-16.45	Summing up sessions		
17.00-17.15	Meeting Close		
18.00-20.00	Drinks reception Schmalleberg Symposium, Thistle Hotel		