

Xth International
Congress
for Veterinary
Virology

**9th Annual Meeting
of EPIZONE**

Changing Viruses
in a Changing World

August 31st - September 3rd 2015

Le Corum, Montpellier, France

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INTRODUCTION

Welcome to Montpellier, Welcome to ESVV2015-EPIZONE!

On behalf of the French Agricultural Research Centre for International Development (CIRAD), the European Society for Veterinary Virology (ESVV) and the European Research Group (ERG) EPIZONE, it is my great pleasure to welcome you in Montpellier for the **Xth International Congress of Veterinary Virology of ESVV**, combined with the **9th annual meeting of EPIZONE**.

The combined congress will take place at "Le Corum", downtown Montpellier, from August 31st afternoon to September 3rd morning. The ESVV congress will cover the first part, ending on September 2nd noon, followed by EPIZONE. Plenary and parallel oral sessions, and poster exhibition will cover all aspects of animal and zoonotic viruses, from basic virology to applied control measures. A large audience is expected with more than 280 accepted abstracts and **360 registered participants from more than 50 different countries**.

The general theme of the congress is related to global changes: "**Changing Viruses in a Changing World**". In this context, several presentations dealing with virus evolution, arboviruses and new pathogen discovery were selected as keynote lectures or oral communications.

A new feature of this edition is the organization of a **special session on animal health in the Caribbean**, granted by the **European project EPIGENESIS**. The Caribbean region is considered as a hot spot for emerging diseases, particularly those caused by arboviruses. Top speakers from this region will illustrate the current situation and I am expecting fruitful interactions between the attendees and possibly, new collaborations.

Another important feature is the one-day parallel **meeting for young scientists** supported by EPIZONE. The content of the meeting is designed to provide our young colleagues with information, training and contacts that shall be useful for their future carrier.

The organization of such an international congress has required a strong multi-dimensional mobilization. I would like first to thank the **ESVV board, the EPIZONE coordination team and the Scientific and Local Organizing Committees** for their commitment and activities to set up this event. "**Montpellier event**" and "**Alpha Visa Congrès**" are the companies which provided a strong professional service to host and organize this meeting in the heart of our city. I want also to thank our **Public and Private Sponsors** for their essential support.

Finally, I wish for everybody, a successful and productive congress, a good stay in our beautiful city and some opportunities to visit a highly attractive region.

Enjoy the congress, enjoy Montpellier, and enjoy our Mediterranean lifestyle!

Emmanuel Albina
Chair Scientific and
Organizing Committees

Committees

Scientific Committee

Emmanuel Albina - *Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)*

Martin Beer - *Friedrich-Loeffler-Institut, Federal Research Institute for Animal Health*

Anette Botner - *DTU VET National Veterinary Institute*

Emiliana Brocchi - *Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER)*

Catherine Cêtre-Sossah - *Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)*

Trevor Drew - *Animal Health and Veterinary Laboratories Agency - (AHVLA)*

Serafin Gutierrez - *Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)*

Geneviève Libeau - *Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)*

Antonio Lavazza - *Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER)*

Thierry Lefrançois - *Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)*

Marie-Frédérique Le Potier - *Agence nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail - (ANSES)*

Thomas Mettenleiter - *Friedrich-Loeffler-Institut, Federal Research Institute for Animal Health*

Hans Nauwynck - *Faculty of Veterinary Medicine, Ghent University*

Jose-Manuel Sanchez-Vizcaino - *Facultad de Veterinaria, Universidad Complutense*

Renata servan de Almeida - *Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)*

Thierry Van der Berg - *Veterinary and Agrochemical Research Center*

Wim Van der Poel - *Central Veterinary Institute, Wageningen University Research*

Organizing Committee

Emmanuel Albina	Cécile Minet
Denise Bastron	Lysiane Parizot
Nathalie Curiallet	Philippe Radigon
Anne Dutour	Nathalie Vachier
Patricia Gil	Océane Wacrenier

Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)

Design

Delphine Guard

Communication

Nathalie Curiallet

Anne Hébert

Centre de coopération internationale en recherche agronomique pour le développement (CIRAD)

Sponsors



Epigenesis
Domaine Duclos, Prise d'eau
17170 Petit-Bourg,
Guadeloupe



Région Languedoc-Roussillon
201 avenue de la Pompignane
34064 Montpellier cedex 02
France



IDEXX Europe B.V.
Scorpius 60 Building F
Hoofddorp, 2132 LR
The Netherlands



Merial
2 avenue Pont Pasteur
69367 Lyon Cedex 07
France



Thermo Fisher Scientific Inc.
Life Technologies Ltd.
3 Fountain Drive, Inchinnan Business Park,
Paisley, UK, PA4 9RF United Kingdom
United Kingdom



Montpellier Métropole Méditerranée
50 Place de Zeus
34000 Montpellier
France



Zoetis Manufacturing & Research Spain, S.L
Carretera Camprodon s/n Finca "La Riba"
17813 Vall de Bianya
Girona - Spain



MSD
Wim de Körverstraat 35
PO box 31, 5830 AA Boxmeer
The Netherlands



Pôle BioSanté Rabelais
c/o Institut de Génomique Fonctionnelle
141 rue de la cardonille
34094 Montpellier Cedex 05 - France



Organizers



european
society for
veterinary
virology



cirad

LA RECHERCHE AGRONOMIQUE
POUR LE DÉVELOPPEMENT



Advertisers





EPIGENESIS

2013 > 2016

EXPANDING RESEARCH CAPACITIES ON ANIMAL HEALTH IN GUADELOUPE

REINFORCE

SCIENTIFIC POTENTIAL

on emerging and vector-borne diseases in Guadeloupe





CONSOLIDATE

STRATEGIC PARTNERSHIPS WITH OUTSTANDING EUROPEAN RESEARCH ENTITIES

on animal health by the exchange of scientists between Europe and Guadeloupe and trainings



INCREASE

INNOVATION STRENGTH IN GUADELOUPE

with the development of diagnostic tests, vaccines, tools to assist decision-making and alert system



MAIN DISEASE MODELS



Tick borne diseases: Heartwater, Babesiosis, Anaplasmosis

Other arthropod-borne diseases: West Nile Fever and other arbovirus diseases

Other emerging diseases: Avian and Swine Influenza, Newcastle disease



IMPART

SCIENTIFIC INFORMATION AND KNOWLEDGE

to the scientific community, decision-makers, animal health stakeholders and the general public in Guadeloupe and in the Caribbean region

PARTNERS

- IN EUROPE:
 - Centre de Recherce en Sanitat Animal (CRESA), Spain ; Instituto de Biologia Experimental Tecnologica (IBET), Portugal ; Instituto de Tecnologia Química e Biológica (ITQB), Portugal ; UMR-INRA-Oniris, BioEPAIR Institut National de la Recherche Agronomique (INRA), France ; École des Hautes Études de Santé Publique (EHESP), France ; Agriculture and Veterinary Information and Analysis (AviaGIS), Belgium
- IN GUADELOUPE:
 - INRA, Institut Pasteur, Université des Antilles, Agence Régionale de Santé, Centre Hospitalier Universitaire de Guadeloupe.
- IN THE CARIBBEAN:
 - Members of CaribVET, the Caribbean Animal Health Network; Veterinary services of 33 countries and territories, research institutes (CENSA, CIRAD), Caribbean Universities (UWI, Saint Georges University, Guyana), regional (CARICOM) and international organizations (OIE, FAO, USDA, PAHO, IICA).

EPIGENESIS PROJECT IS FUNDED BY EUROPE (FRAMEWORK PROGRAMME 7) AND COORDINATED BY CIRAD





Conference venue

Montpellier and surroundings

Montpellier has become over the past decades a major hub for research on agriculture, environment and sustainable development issues. It is part of the "Global Partnership on Cities and Biodiversity" of the CBD, and hosts (among others) two of the National LabEx (Laboratory of Excellence) that are supporting PSP5: the LabEx AGRO-Agropolis Fondation, gathering a broad number of research groups in the fields of agricultural and plant sciences, and the LabEx CeMEB (Mediterranean Centre for Environment and Biodiversity), which brings together prominent research groups working in ecology and conservation issues. Montpellier, via Agropolis International, is one of the major agricultural science campus worldwide, with a large focus on Mediterranean and tropical agriculture. This is one of the reasons for Montpellier having been selected to host the secretary for the Consultative Group on International Agricultural Research (CGIAR).



© Ville de Montpellier

Montpellier is also one of the oldest University cities in France (XIIIth Century). It is located on hilly ground 10 kilometers inland from the Mediterranean Sea coast on the banks of the Lez River. The medieval centre, the so-called Ecusson, gives to the city its unique and intimate feeling.

Local transportation

Tramway & buses

The tramway Line 1, decorated in blue with white swallows, connects the northern part of the city with the Odysseum terminal on the southeast side. The Line 2, decorated in a flower-power theme, goes from east to west. The colorful Line 3, designed by the famous fashion designer Christian Lacroix, goes from west to east, arriving near the seaside at Perols. From there, you can rent a bike or take a short walk (around 20 minutes) to get to the beach. The golden Line 4, also designed by Christian Lacroix, is only for downtown. About 30 bus lines are connected to the tramway lines to offer a comprehensive network that will transport you in and around Montpellier.



© TAM Montpellier

TAM Ticket fares:

- One-way ticket: € 1.50
- 1-day pass: € 4.00
- 7-days pass: € 15.60
- 10-ride pass: € 10.00

Where can you buy tickets and top-off your transport card?

- At the TaM agencies
- At nearly 130 participating stores and shops
- At 120 automatic distributors

Vélomagg bicycle service

The Velomag' service offers bicycles just the way you want them: available and inexpensive. For your riding pleasure, 50 automatic bike stations with over 2,000 bicycles are available in Montpellier and in the Metropole area. Service is open 24/7. All you need is personal identification and you can rent a bicycle to ride the streets of the city and outlying area. You can buy tickets at the Esplanade bike station (next to Montpellier Tourist Office).

Car Park

Le Corum Conference Centre has an underground car parks. Weekly special rates for delegates apply for registered participants. Information to be obtained at the Registration Desk, in the Joffre Space on level one.

Taxis in Montpellier

Taxi Tram - Tel: 04 67 58 10 10
Allo Taxi 34 - Tel: 04 67 81 42 74
Taxi Bleu - Tel: 04 67 03 20 00
Taxi Radio du Midi - Tel: 04 67 10 00 00

Restaurants

A large variety of restaurants, cafés and bars can be found all over Montpellier, with a very large selection available at walking distance from Le Corum Convention Centre. Some of them are open late at night. Prices for a menu usually start from 12 € at lunch and 18 € for dinner.



©LMcommunication

Getting around

Montpellier is the ideal place to stay and take advantage of both the seashore of Southern France and the many hidden treasures in the hinterlands of the Languedoc-Roussillon region. Discover major UNESCO World Heritage Sites, scenic villages and landscapes, and vast natural areas such as the Camargue marshland, and the Cévennes mountains.

Natural sites

Camargue marshes, with pink flamingos, ranches with black bulls and white horses.

Cévennes mountains, great for biking, mountain biking or bushwalking.

Pyrénées mountains, between Spain, Andorra and Ariège.

Mediterranean coastline, with many swamps near Montpellier, and rocks and cliffs when getting near the Spanish border, in the scenic Côte Vermeille.

Historic cities

Nîmes, living Roman history (45 kms from Montpellier)

Sète, the fascinating birthplace of famous musician Brassens and poet Paul Valéry, situated between the Mediterranean sea and Thau lagoon, famous for its oyster farms (30 kms)

Pézenas, Molière's hometown (60 kms)

Aigues-Mortes, the medieval city of Saint Louis (30 kms)

Collioure, capital of Fauvism painting (190 kms)

Unesco World Heritage Sites

The colossal walled city of **Carcassonne**, a magnificent medieval city with its ramparts, the Basilica of St Nazaire and Château Comtal

The **Pont du Gard**, an impressive Roman aqueduct

The **Canal du Midi**, a beautiful canal with a succession of straits, locks and tunnels

The medieval **Gellone Abbey**, located in the beautiful village of Saint-Guilhem-le-Désert on the route to Saint Jacques de Compostelle at the edge of the Gorges of the Hérault river.

The **Causse** (elevated calcareous plateaux) and the unique Cirque de Navacelles where the Vis river has been carving the landscape and designing magnificent and peaceful gorges.

Insurance

French health care does not cover visitors to France. Please ensure that you have an adequate insurance coverage in the event of illness or accident. The organizing committee is not liable for personal injuries sustained by or for loss or damage to property belonging to the participants.

Emergency numbers

15: Emergency ambulance service

17: Police

18: Fire Brigade

04 67 72 22 15: Emergency Doctor



Xth International Congress ESVV 2015
for **Veterinary Virology**

CHANGING VIRUSES IN
A CHANGING WORLD
31 August - 3 September 2015
Le Corum Montpellier France



EPIZONE 9th Annual Meeting of EPIZONE

2-3 September 2015 - Le Corum Montpellier France

PLACES OF INTEREST - MONTPELLIER



- ① Mercure Montpellier Centre ****
 - ② Ibis Montpellier Centre ***
 - ③ Ibis Montpellier Centre Comédie ***
 - ④ Citadines Antigone Montpellier **
 - ⑤ Best Western Hotel Eurociel ***
 - ⑥ Océania Le Métropole ****
- Food and drink areas

Practical information about Le Corum convention centre

Le Corum conference centre, Esplanade Charles De Gaulle, BP 2220, 34000 Montpellier
Tel: +33 0(4) 67 61 67 61

It is located in the city centre of Montpellier, a few minute's walk from Corum and Comedie tramway stations.



©L.Martorell

Registration

The Registration Desk is located at the Level 1 in Joffre space and will be open to delegates from 14:00 to 16:00 on Monday 31st August and all day long Tuesday 1st and Wednesday 2nd September 2015.

The telephone number for calling the Registration Desk is: 04 67 61 66 42

Badges are required for admission to all conference sessions, to the exhibition hall and the lunch area.

Speaker Support Centre

The Speaker Support Centre is located in the Joffre 4 Room at the first floor. There are facilities to upload and review your presentations on both PC and Mac/Intosh computers. Technical assistance is provided in this room.

All presentations will be projected from this room via Le Corum Palais des Congrès venue network.

Monday 31 August 2015: 14:00-18:00
Tuesday 1 September 2015: 08:30-18:30
Wednesday 2 September 2015: 08:00-18:00
Thursday 3 September 2015: 08:30

Presentations should be uploaded onto the conference system as early as possible, and at latest the day before.

It will not be possible to upload them directly in the conference lecture room (Pasteur Auditorium).



©Laurent Vilarem

Abstracts

Abstracts for oral and poster presentations are available on the website and on the memory stick.

Poster exhibition

It is located in the Joffre space, Level 1. It will remain accessible throughout the conference.

Poster presenters should register at the Welcome desk at their arrival, where they will be allocated a display panel.

Internet access

A Cyber-Café equipped with a few computers will be available at the Eastern tip of the exhibition area in Joffre Room. Internet access will be accessible free of charge during the whole conference from 8:30 until 18:30.

The Cyber-Café is also equipped with WiFi wireless access to internet: ESVV2015

Catering information

A buffet will be served on Tuesday and Wednesday

Your badge is required to join the lunch.

Participants are kindly asked not to take food or beverages to the sessions rooms.

Cloakroom

A cloakroom, located next to the registration desk, will be open to delegates throughout the symposium.

Lost Property

Please report any lost property to the Registration Desk in the main lounge at the first floor.

Messages

A message board is located next to the Registration Desk in Joffre Space. Messages may be left at the Registration Desk or pinned to the board. No responsibility will be taken to deliver messages personally, so please check this board at regular intervals.

Mobile Phones

As a courtesy to all other delegates, please ensure that mobile phones are switched off during all sessions (both poster and oral) and social functions. Public telephones may be found in the foyers within Le Corum Palais des Congrès. Phone cards or credit cards are needed for this purpose.

Smoking

Le Corum Conference Centre is a designated non-smoking venue.



©M. Guyonnet

Social Program

The **Welcome cocktail** will be held at Le Corum on Monday, 31st August, 18:45-21:00.

A one-hour pedestrian **city tour** is scheduled on Wednesday 2nd September. Meeting point in front of the tourist office at 19:15 (5mn walk from Corum conference centre adjacent to "Place de la Comédie")

The **evening entertainment** will be held at Le Corum on Wednesday 2nd September, from 20:00 to 02:00. A jazz duo and DJ have been planned for our enjoyment.

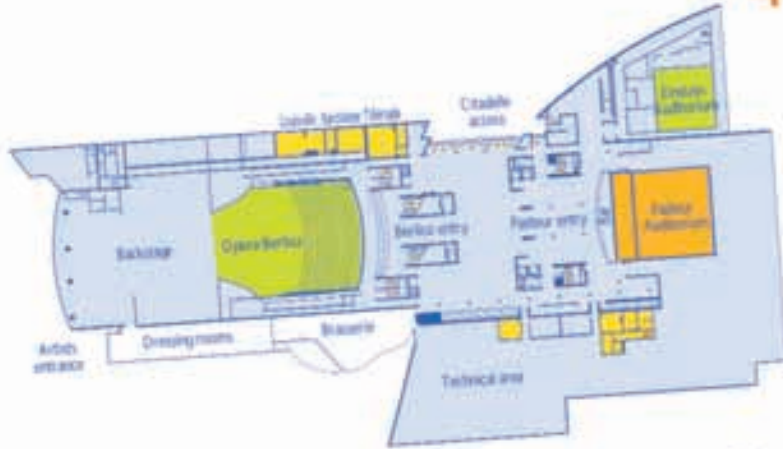
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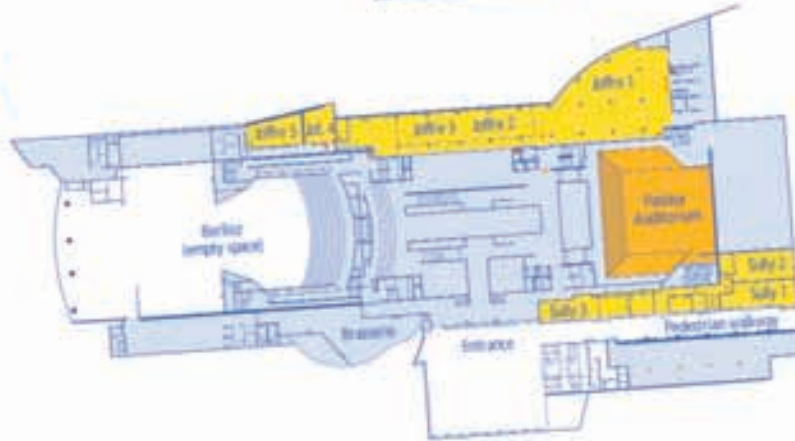
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Le Corum's Plans 4 levels

Level 0



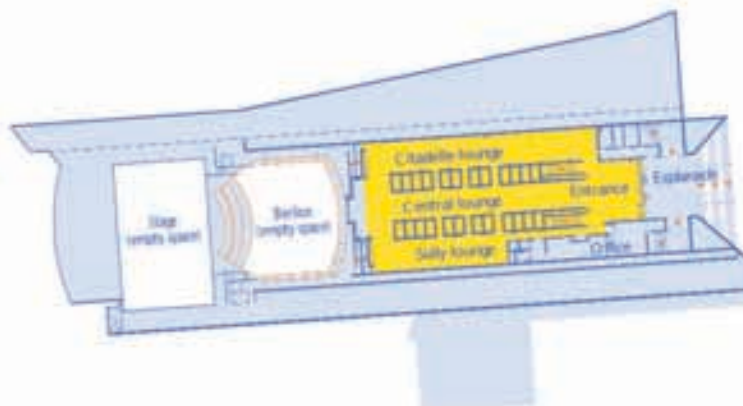
Level 1

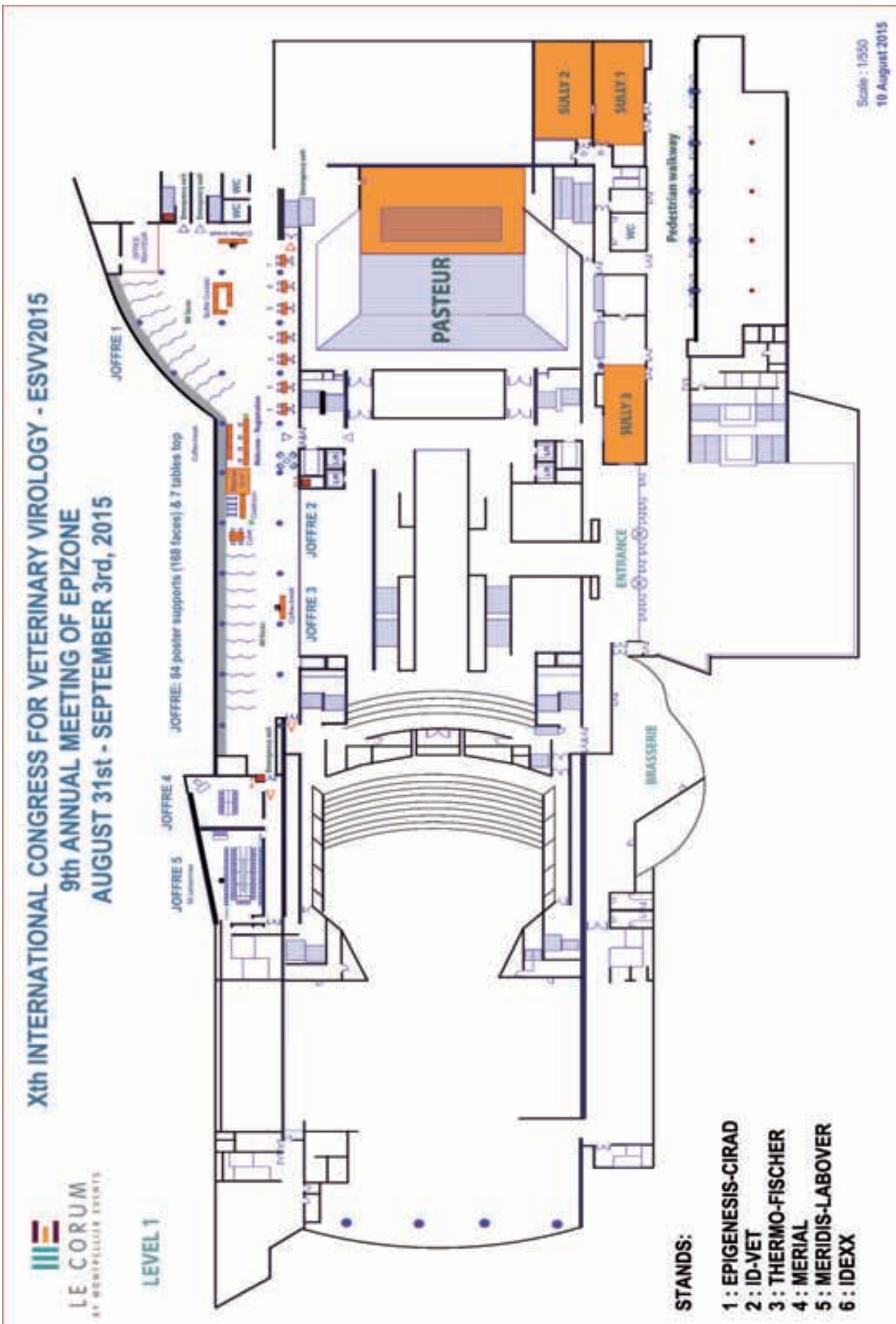


Level 2



Level 3





ESVW 2015-Epizone - Program at a glance

"Le Corum", Montpellier, 31st August - 3rd September 2015

Date	Time	Main Hall Prestaur (745 seats)	Room Joffre 2 & 3	Room Joffre 5 (60 seats)	Room Barthéz (140 seats)	Room Rondelét (140 seats)	
Monday 31 August							
	14h00 - 16h00		Registration				
	16h00 - 16h30	ESVW Welcome, Opening Session	Registration				
	16h45 - 18h30	ESVW Plenary session 1, Keynote lectures 1 & 2 Prof P. PALESE "Pan-influenza vaccines" Prof S. WEAVER "Evolution of arboviruses"	Registration				
	18h45 - 21h00		Welcome aperitif				
Tuesday 1 September							
	9h00 - 10h30	ESVW Plenary session 2, Keynote lectures 3 & 4 Prof M. ELDIT "Virus discovery" Dr G. ANDRES "Asfvirus assembly"	Registration				
	10h30 - 11h00		Coffee break, Poster & Stand Viewing				
	11h00 - 12h30	Parallel ESVW Session 1: "Virus evolution"	Poster & Stand Viewing		Parallel ESVW Session 2: "Influenza"	Parallel ESVW Session 3: "Arboviruses"	
	12h30 - 13h45		Lunch, Poster & Stand Viewing				
	13h45 - 14h30	ESVW Plenary session 3, Keynote lecture 5 Dr S. GANDOW "Virulence evolution during epidemics"					
	14h30 - 16h30	Parallel ESVW Session 4: "Vaccines and antivirals"	Poster & Stand Viewing		Parallel ESVW Session 5: "Host/virus interactions & viral immunity 1"	Parallel ESVW Session 6: "Emerging virus & diseases 1"	
	16h30 - 17h00		Coffee break and Drinks, Poster & Stand Viewing				
	17h00 - 18h30	ESVW Poster Presentation Session 1 (+ poster award)	Poster & Stand Viewing	Parallel ESVW board meeting	ESVW Poster Presentation Session 2	ESVW Poster Presentation Session 3	
	19h30	Special event: Public debate, Salle Rabelais: « Viruses: old enemies, new friends » [1h00] in French					

Date	Time	Main Hall Pasteur (7145 seats)	Room Joffre 2 & 3	Room Joffre 5 (60 seats)	Room Sully 3 (80 seats)	Room Barthet (140 seats)	Room Rondelet (140 seats)	
Wednesday 2 September								
	08:30 – 09:15	ESVV Plenary session 4, Keynote lecture 6 Dr B. MARTINEZ LOPEZ "Real-time surveillance and risk assessment"	Registration					
	09:15 – 10:30	Parallel ESVV Session 7: « Enteric viruses »	Poster & Stand Viewing	Parallel Young Scientists Meeting	Parallel ESVV Session 8: "General virology 1"	Parallel ESVV Session 9: "General virology 2"	Parallel ESVV Session 10: "Emerging virus & diseases 2"	
	10:30 – 11:00		Coffee break, Poster & Stand Viewing		LinkTADS Dissemination Event			
	11:00 – 12:00	Parallel ESVV General Assembly	Poster & Stand Viewing	Parallel Young Scientists Meeting				
	12:00 – 13:15		Lunch, Poster & Stand Viewing					
	13:15 – 13:40	EPIDZONE opening session & keynote lectures 7 & 8 Dr P. MURDOA "Impact of evolution and ecology on host species jumps" Prof L. SAMF "Evasive coronavirus vaccines: strategies for PEDV vaccines"	Registration					
	13:40 – 15:30	Parallel EPIDZONE Session 1 "Epidemiology, surveillance & risk assessment 1"	Poster & Stand Viewing	Parallel Young Scientists Meeting	Parallel EPIDZONE Session 2: "Intervention strategies"	Parallel EPIDZONE Special Session "Host-virus interactions & viral immunity 2"	Parallel EPIDZONE Session "Animal health in the Caribbean"	
	15:30 – 17:00		Coffee break, Poster & Stand Viewing					
	17:00 – 18:00	EPIDZONE Poster Presentation Session 1 (+ poster award)	Poster & Stand Viewing	Parallel EPIDZONE Coordinating Forum meeting (17h00-18h30)	EPIDZONE Poster Presentation Session 2	EPIDZONE Poster Presentation Session 3	Parallel EPIDZONE Session "Animal health in the Caribbean"	
	18:30 – 20:00		Guided City tour Gala Dinner					
Thursday 3 September								
	09:00 – 09:45	EPIDZONE plenary session, Keynote lecture 9 Dr J-C. MANIGUERRA "New development in diagnosis of viral infections"						
	09:45 – 10:10		Coffee break, Poster & Stand Viewing					
	10:10 – 12:10	Parallel EPIDZONE Session 3 "Diagnosis"	Poster & Stand Viewing	Parallel EPIDZONE Executive Committee meeting	EPIDZONE Poster Presentation Session 4 "Epidemiology, surveillance & risk assessment 2"	Parallel EPIDZONE Session 4 "Epidemiology, surveillance & risk assessment 2"	Parallel EPIDZONE Special Session: "Focus on PED & SBV"	
	12:10 – 12:30	ESVV & EPIDZONE Closing ceremony						

Topic		Parallèle ESVV session 1 Virus evolution 90 min		Parallèle ESVV session 2 influenza 90 min		Parallèle ESVV session 3 Arboviruses 90 min	
Duration		Chair: T. Drew & E. Albina		Chair: T. Van den Berg & M. Beer		Chair: T. Mettenleiter & S. Gubler	
11h00-11h15	Genetic characterization of a distinct worldwide-spread genetic lineage of infectious Bursal Disease virus	Ruben Pérez, Martín Hernández, Gonzalo Tomás, Ana Marandino, Gregorio Iraola, Diego Hernández, Pedro Villegas, Alejandro Banda, Yamina Panzera		Codon deletions and substitutions in the PA linker of the RNA-polymerase allow generation of temperature-sensitive and attenuated influenza viruses		Léa Meyer, Bruno Da Costa, Alix Sausset, Ronan Le Goffic, Bernard Delmas	
11h15-11h30	Characterization and phylogenetic analysis of cetacean morbillivirus infection in eastern Atlantic-based cetacean populations	Carolina Bento, C. Eira, J. Vingada, M. Ferreira, A. Lopez, L. Tavares, A. Duarte		Detection of a new Influenza D Virus in Cattle, France, 2011-2014		Elias Salem, Gilles Meyer, Claire Pelletier, Hervé Cassard, Mariette Ducatez	
11h30-11h45	Development of a bioinformatics pipeline to identify and characterise minor variants in Foot-and-mouth disease virus populations using data generated from the Illumina MiSeq	David King, Graham Freimanis, Richard Orton, Donald King, Daniel Haydon		Anti-nucleocapsid protein antibody is sufficient to confer resistance to lethal infection with influenza A viruses of several subtypes in transgenic mice		Yoshikazu Fujimoto, Kinuyo Ozaki, Gen-ichiro Uechi, Hiroki Takakuwa, Yukiko Tomioka, Toshiyo Yabuta, Haruka Suyama, Sayo Yamamoto, Masami Morimatsu, Toshihiro Ito, Koichi Otsuki, Mai Q. Le, Tetsu Yamashiro, Etsuro Ono	
11h45-12h00	Comparative molecular epidemiology of the two closely related bovine coronavirus (BCoV) and human coronavirus OC43 (HCoV-OC43) revealed different evolution dynamic pattern	Nathalie Kirb, Meriadeg Le Gouil, Fabien Mistrzak, Laure Diancourt, Valérie Caro, Astrid Vabret		Mutation of Serpin1 in mice results in increased susceptibility to influenza A virus infection due to increased vascular leakage and virus dissemination		Dai-Lun Shin, Bastian Hatesuer, Ruth L.O. Stricker, Klaus Schughart	
12h00-12h15	Fitness evaluation and molecular characterization of a recombinant murine norovirus during serial passages in cell culture	Edmilson Ferreira de Oliveira Filho, Elisabetta Di Felice, Barbara Toffoli, William Zonta, Ana Carolina Terzian, Elizabeth Mathijs, Eblenne Thiry, Axel Mauroy		Antigenic mapping of the avian influenza virus M2 protein extracellular domain using overlapping short peptides-based ELISA		Noor Haliza Hassan, Jagoda Ignjatovic, Simson Tarigan, Anne Peaston, Farhid Hemmatzadeh	
12h15-12h30				Streptococcus suis affects the replication of swine influenza virus in porcine tracheal cells		Nai-Huei Wu, Fandan Meng, Maren Seitz, Peter Valentin-Weigand, Georg Herrier	
						Simbu sero-group virus serum neutralizing antibodies in cattle in Tanzania	
						Coletha Mathew, Siv Kuevar, Armin Elbers, Wim van der Pool, Peter Kirkland, Jacques Godfried, Robinson Mdegela, George Mwangengele, Maria Stokstad	

01/09/2015, Morning

Parallel ESVW session 4		Parallel ESVW session 5		Parallel ESVW session 6	
Vaccines and antivirals		Host/virus interactions & viral immunity 1		Emerging viruses & diseases 1	
Topic	Duration	Chair: M-F. Le Potier & R. Servan de Almeida	Chair: H. Macoywck & C. Cêtre-Sossah	Chair: W. van der Poel & N. Nowotny	120 min
Assessment of efficacy and immune responses in mice vaccinated with recombinant MVAs expressing single RVFV glycoproteins Elena López-Gil, Gema Lorenzo, Alejandro Marín-López, Sandra Moreno, Javier Ortega, <u>Ablandro Bruh</u>	14h30-14h45	Postnatal persistent infection with classical swine fever virus: Hitherto unreported strategy of the virus to persist in domestic pigs and wild boars. Lillianne GARNIER, Sara Muñoz-Gonzalez, Oscar Cabezon, Lillianne RUGGI, Marta Perez-Simó, José Bohórquez, Rosa Rosell, Ignasi Marco, Santiago Lavín, Arthur Summerfield, Mariano Domingo	Postnatal persistent infection with classical swine fever virus: Hitherto unreported strategy of the virus to persist in domestic pigs and wild boars. Lillianne GARNIER, Sara Muñoz-Gonzalez, Oscar Cabezon, Lillianne RUGGI, Marta Perez-Simó, José Bohórquez, Rosa Rosell, Ignasi Marco, Santiago Lavín, Arthur Summerfield, Mariano Domingo	Identification of a novel HCV-like virus in German domestic cattle Christine Bascchioldi, Nicole Fischer, Adam Grundhoff, Malik Alawi, Daniela Indenbikren, Alexander Postel, Jennifer Offinger, Kathrin Becker, Andreas Beinke, Juergen Rehage, Paul Becker	120 min
Salmonid alphavirus glycoprotein E2 requires low temperature and E1 for virion formation and induction of protective immunity Mia Hillie, Stine Brazen, Stéphane Viljoing, Kjaran Hodneland, Corinne Geertsema, Lisa Verhagen, Petter Frost, Just Vlak, Espen Rimstad, Gorbem Pijlman	14h45-15h00	Inefficacy of a CSFV live attenuated vaccine when postnatal persistent infection takes the stage Sara Muñoz-González, Marta Perez-Simó, Marta Muñoz, José Bohórquez, Rosa Rosell, Arthur Summerfield, Mariano Domingo, Nicolas Ruggié, Lillianne Ganges	Inefficacy of a CSFV live attenuated vaccine when postnatal persistent infection takes the stage Sara Muñoz-González, Marta Perez-Simó, Marta Muñoz, José Bohórquez, Rosa Rosell, Arthur Summerfield, Mariano Domingo, Nicolas Ruggié, Lillianne Ganges	Detection of a novel bovine astrovirus in a cow with encephalitis Kore Schlotzau, Christoph Schulze, Sabine Bilk, Dennis Hanke, Dirk Höper, Martin Beer, Bernd Hoffmann	120 min
Potential edible vaccine against influenza virus Tomasz Lega, Paulina Wiethe, <u>David Niedzwinski</u>	15h00-15h15	Transcriptome analysis reveals the host response to Schmallenberg virus in bovine cells and antagonistic effects of the NSs protein Anne-Lie Blomström, Quan Gu, Gerald Barry, Gavin Wilkie, Jessica Skelton, Margaret Baird, Melanie McFarlane, Esther Schreiner, Richard Elliott, Massimo Palmairini, Alain Kohl	Transcriptome analysis reveals the host response to Schmallenberg virus in bovine cells and antagonistic effects of the NSs protein Anne-Lie Blomström, Quan Gu, Gerald Barry, Gavin Wilkie, Jessica Skelton, Margaret Baird, Melanie McFarlane, Esther Schreiner, Richard Elliott, Massimo Palmairini, Alain Kohl	Peste des petits ruminants in Spanish sheep breed: protection study and experimental infection using NIG75/1 vaccine strain and MOR/08 field isolate Cristina Cano-Gómez, Francisco Llorente, Paloma Fernandez-Pacheco, Ana Robles, Amalia Villalba, M ^{rs} Carmen Barbero, Genevieve Libeau, Miguel Angel Jiménez-Clavero, <u>Jozita Fernández-Piñero</u>	120 min
Antiviral activity of type I, II and III porcine interferons against classical swine fever virus Bentley Croudington, Helen Everett, Mike Skinner, <u>Helen Crooke</u>	15h15-15h30	Early events of canine herpesvirus 1 infections in canine respiratory and genital mucosae by the use of ex vivo models <u>Yves Li</u>	Early events of canine herpesvirus 1 infections in canine respiratory and genital mucosae by the use of ex vivo models <u>Yves Li</u>	Novel insights in experimental peste des petits ruminants virus infection, transmission, pathogenesis and propagation <u>Claudia Schulz</u> , Christine Fast, Martin Beer, Bernd Hoffmann	120 min
RNA interference as antiviral therapy against Peste des Petits Ruminants: proof of concept of in vivo efficiency using a small animal model Cécile Minet, Renata Servan de Almeida, Carine Holz, Renaud Lancelot, Genevieve Libeau, Marnas Hallbrink, Ulo Langel, Emmanuel Albina	15h30-15h45	Epigenetic regulation of gga-microRNA-126 during lymphoproliferative disease in chicken Isabelle Gennari, Lore Parrisé, Srdan Pejakovic, Benoit Muyllens	Epigenetic regulation of gga-microRNA-126 during lymphoproliferative disease in chicken Isabelle Gennari, Lore Parrisé, Srdan Pejakovic, Benoit Muyllens	Serological Evidence of Peste des Petits Ruminants in Yak, Pakistan Muhammad Abubakar, Shumaila Manzoor, Ehbisham-ul-haq Khan, Hussain Manzoor, Muhammad Afzal, Qurban Ali, <u>Zobair Wessman</u> , Muhammad munir	120 min
Use of in silico prediction models to predict T-cell epitopes for the development of vaccines against African swine fever virus Eefke Wrenschildt, Ben Peeters, Peter Willemsen	15h45-16h00	A equine herpesvirus type 1 (EHV-1) abortion outbreak caused by a neuropathogenic strain in vaccinated mares <u>Lujo Barbic</u> , Vladimir Stevanovic, Snjezana Kovac, Madić Josip	A equine herpesvirus type 1 (EHV-1) abortion outbreak caused by a neuropathogenic strain in vaccinated mares <u>Lujo Barbic</u> , Vladimir Stevanovic, Snjezana Kovac, Madić Josip	Outbreak of henipavirus in the southern Philippines, 2014 Debbie Eadels, A. Ruth Foswell, Fedelino Malbas, Sam McCullough, Glenn Marsh	120 min
Generation a new Newcastle Disease vaccine by reverse genetics based on a recently genotype XI virus Huijun Liu, Patricia Gil, Cécile Minet, Renata Servan de Almeida, Emmanuel Albina	16h00-16h15	Effect of inoculation dose and age of the pigs on clinical, virological and serological parameters of an African swine fever infection Elsbeth Ebig, Eefke Wrenschildt, Bernie Moonen-Leusen, Jaak Quak, Willie Loeffen	Effect of inoculation dose and age of the pigs on clinical, virological and serological parameters of an African swine fever infection Elsbeth Ebig, Eefke Wrenschildt, Bernie Moonen-Leusen, Jaak Quak, Willie Loeffen	Kobuvirus in brains of piglets diagnosed with congenital tremor type A-II Enderik Gräbels, Maja Malmberg, Oscar Cabezon, Juliette Hayer, Rosa Rosell, Sándor Belák, Joaquim Segalés	120 min
A domain located at the amino terminus of the envelope glycoprotein (Gc) of an orthobunyavirus is targeted by neutralizing antibodies Gábor Boman-Szab, Emiliana Brocchi, Horst Schirmeier, Kerstin Wernike, Christian Schelp, Martin Beer	16h15-16h30	Tubulins interact with porcine and human 5 proteins of the genus Alphacoronavirus and influence the viral replication cycle of the porcine coronavirus TGEV Anna-Theresa Bredlitz, Peter Mayrhofer, Yue Ma-Lauer, G. Pohlentz, J. Muehling, Albrecht von Brunn, Christel Schwegmann-Weitel	Tubulins interact with porcine and human 5 proteins of the genus Alphacoronavirus and influence the viral replication cycle of the porcine coronavirus TGEV Anna-Theresa Bredlitz, Peter Mayrhofer, Yue Ma-Lauer, G. Pohlentz, J. Muehling, Albrecht von Brunn, Christel Schwegmann-Weitel	Identification of a new non-pathogenic lagovirus in Lepus europaeus Patricia Cayadizi, Stefano Molinari, Giulia Pozzoni, Mario Chiari, Emiliana Brocchi, Antonio Lavazza, Lorenzo Capucci	120 min

01/09/2015, Afternoon

Parallel ESVV session 7 Enteric viruses 75 min		Parallel ESVV session 8 General Virology 2 75 min		Parallel ESVV session 9 General Virology 3 75 min		Parallel ESVV session 10 Enteric virus 3 - session 2 75 min	
09:15-09:30	Chair: J.M. Sánchez-Vizcaino & T. Lefrançois Comparative analysis of the faecal virome of dogs with various inflammatory intestinal diseases Zuzana Mgrdová, Josef Wagner, James Gilmeren, Matthew Stevens, Carl Kirkwood, Corinne Mansfield	Chair: L. Dean & T. Mendenhall Next generation sequencing of British outbreak cases of Equine infectious Anaemia Virus: sequence variation and phylogeny among European outbreaks Gaelle Robbeaert, Nicolas Lécuyer, Fabrice Sternbach, Brigidie O'Leary Mucik: a bioinformatics platform for viral metagenomics experiments Martin Nuding, Oskar Karlsson, Hadrien Gounik, Erik Bengtsson, Rudolf, Juliette Nagel	Chair: T. Van den Berg & S. Bertagnoli Molecular analysis of canine parvovirus type 2 in New Zealand Maddalena Duzovická, Sylvia O'Hester, Simon Hill, Nick Cave, Doug Pezimere	Chair: T. Drew & A. Lanzetta A devastating outbreak of enterovirus infection in Mexico Giulia Cristofari, Claudia Elera, Maria Teresa Sotolongo, Fabrice Carlier, Stefania Srinivari, Roberta Giordani, Marina Ciraofola, Lorenzo De Marco, Gian Luca Aulicchio			
09:30-09:45	Clinical, virological, and immunological parameters during experimental feline enteric coronavirus infection Lorena D'Amico, Sara Turchi, Maria Concetta Conciatori, Sebastiaan Theunis, Milla Muttikainen, Hans Nauwynck	Canine infectious tracheobronchitis in Swedish dogs & what does a metagenomics approach reveal? Milla Muttikainen, Juliette Hayer, Oskar Karlsson, Anne-Lie Blomström, Boel Ström Holst, Jonas Johansson Wernman	New Bornavirus discovered in variegated squirrels: Potential link to fast human infections Bernad Heilmann, Dennis Tappe, Kate Scholtens, Dirk Höper, Christel Herberich, Maria Renckel, Dorota Hoffmann, Vera Terflic, Christine Faust, Kerstin Tischer, Daniel Cadar, Christian Maerik, Jonas Schmidt-Chansinsirak, Rainer Ulrich, Martin Bost	Wobley possum disease: the proof of causation Magdalena Butzová, Julia Gillen, Matthew Perrett			
09:45-10:00	Factors affecting the occurrence of canine parvovirus disease in dogs Celia Miralles, Aina Cayula, Cain Parrish, Gertrude Thompson	Capsid proteins of porcine circoviruses interact differentially with the cellular protein G13p Guy Escobedo, Claire de Roussion, Cecile Bernard, Lionel Rigault, Annette Maekert, Yvanek Blanchard, Andy Joch, Beatrice Grallard	Staining and expression kinetics of the feline immunodeficiency virus envelope glycoprotein Igor Baskarčić, Chris Grant, Lowiese Desmarests, Sebastiaan Theunis, Inaura Christaens, Delphine Acar, Hans Nauwynck	Detection and characterization of a novel reemerging Mammalian Orthovirus of bats in Europe Giuseppe Lelli, Ana Moreno, Andrej Steyer, Tina Nagler, Alice Procopio, Francesca Falco, Antonio Lanzetta			
10:00-10:15	Complete genome characterization of recent and ancient Belgian pig group A rotaviruses and assessment of their evolutionary relationship with human rotaviruses Sebastiaan Theunis, Elizabeth Heylen, Mark Zeller, Inge Houckaerts, Lieve Desmarest, Marc van Ranst, Hans Nauwynck, Jelle Maatjens	Superinfection exclusion during infection with African swine fever virus Rajesh Prasad, Guntihar Kall	Evaluation of genetic differences between the parent and virulent pathotypes of feline coronavirus Ruihong Yu, Harizma Euback, Hai-Wen Chang, Peter Rudler	Genetic characterization of a novel adenovirus detected in captive bottlenose dolphins (Tursiops truncatus) suffering from self-limiting gastroenteritis Milla Muttikainen, Consuelo Rubio-García, Daniel García-Parraga, Elvira Torres-Pedregal, Mar Molero, Teresa Alvarez, Mónica Valls, Jose Luis Crespo, Jose Manuel Sánchez-Vizcaino, Sándor Bekle, Fredrik Grönberg			
10:15-10:30	First detection and phylogenetic analysis of porcine bocaviruses identified in Slovenia Igor Enok, Boran Zubraec, Nata Lindová, Benjmina Rimac	Epigenetic regulation of the viral RNA polymerase subunit over expressed in lymphomas induced by Marek's Disease Virus Sofia Egebjerg, André Claude Mboombouo Mfouss, Carole Migonon, Isabelle Gessart, Damien Coupez, Sylvie Laurent, Denis Basciari, Renée Myllem	Molecular epidemiology, prevalence and risk factors of FCV infection in European domestic felines Milla Muttikainen, Gina Puschbeck, Shirley Sommer, Rosalind Garbutt, Janet Daly, Susan Dawson, Alan Radford				

02/09/2013, Mercredi

Topic	Parallels EPZONE session 1 Epidemiology, surveillance and risk assessment 1	Parallels EPZONE session 2 Intervention strategies	Parallels EPZONE special session 1 Host/Vector Interactions & Viral Immunity 1	Parallels EPZONE session "Animal Health in the Caribbean"
Duration	90 min	90 min	90 min	210 min
15:00-15:15	Chair: B. Mariner-López & T. Leffraignes Development of a Pipeline for the High-Throughput Sequencing of EVDV: An Application to a Large Outbreak (Stéphane Lemaitre, David King, Richard Orszag, Donald King)	Chair: L. Guen & M.J. Le Hénaff Classical swine fever virus marker vaccine strain CPV_2348: shedding and dissemination studies in boars, Carsten Dräger, Anja Petrow, Martin Beer, Jens Trifels, Jozsef Bányai	Chair: A. Buck & S. Zentgraf European virus vaccine studies in different animal species: Anika Stadler, Susanna Hoffmann, Rainer G. Ulrich, Marie Juretic, Bernd Hoffmann, Martin Beer	Chair: C. Latorre & N. Vachery Research and surveillance on Animal Health in the Caribbean Cecilia Latorre
15:15-15:30	Classical swine fever in wild boar: Surveillance strategies under the microscope Gisela Schulz, Inna Sonnenburg, Blag Simoes, Timothee Verges, Michel Peyre, Christoph Staubach, Frank Conraths	First expression in biofabrics of major capsid proteins, shedding by two new ligandless Julia Petzold, Ulrike Starost, Patricia Cavallini, Antonia Lorenza, Emiliola Brocchi, Lorenzo Capacci	Equine macrophage cells as a "Trojan horse" for equine herpesvirus type 1 (EHV-1) dissemination within the host Kathrin Lässig, Herman Feenstra, Kathrin Trudewald, Jochen van Clempa, Franz Neuwirth	
15:30-15:45	Quarantine of African swine fever virus transmission parameters in caribbean and the possible role of indirect virus transmission Milla Loeffler, Sofia Westendorp, Bernice Mosconi-Lewis, Thomas Hagenaars, Phaedra Elm	In vivo testing of deletion mutants as candidate vaccines for African swine fever in saccarose/ultra-pure models in pig Cristina Giliberto, Alejandro Soler, Angel Campesina, Elena Sanchez, Raquel Naves, Alicia Jimeno, Miguel Sanchez, Carlos Martin, Victor Briones, Yolanda Benito, Maria Ariza	Systemic spread of wild boar hepatitis E virus in pig Stavros Buz, Nicolas Rome, Axel Maury, Frédéric Faboek, Jordan Beer, Nicole Payne, Etienne Troy	
15:45-16:00	Lessons learnt from a cross-sectional field survey: how to implement a serological monitoring of BVD-free herds in the Belgian BVD eradication programme? Jeroen Beelens, Miel De Beers, Constance De la Ferté, Sophie Reuland, Brigitte Cay, Yves Van der Stede	Comparative study of protection in pig immunised by different routes with attenuated African swine fever virus Isabelle OUI 19873 and evaluation of the role of immunomodulatory cytokines Pedro Sanchez-Cordon, Dave Chapman, Lynette Guallys, Maida Elouadi	A cell culture-adapted Classical swine fever virus phenotype does not require the 45kDa Ems mutation Cristina Giliberto, Sandra Blome, Martin Beer, Inna Kuzmina, Thomas Rasmussen	Ornithosis in the Caribbean – should we worry about them? Christophe Ours, Tamiko Brown Joseph, Lorraine Front, Carrie Batten
16:00-16:15	One World One Health: The STAR-GAZ Global Network for Coordination of Animal Disease Research Alex Morrison, Luke Oxbow	Deoptimization of codon pair usage of the major capsid protein VP72 of African swine fever virus: effect on protein expression in vitro Ritaat Bortolati, Axel Kurgat, Richard Bishop, Günther Kahl	Next-generation sequencing fails to identify viral variants encoded by PCV2 in subclinically infected pigs Eduardo Nolas, Javier Pérez, Gonzalo Vera, Sarri Córdoba, Joaquin Sagrú, Armand Sánchez, José Weber	
16:15-16:30		Efficacy of foot-and-mouth disease vaccines A27 Jmg 64 and A Malaysia 87 against challenge with a recent South East Asian genotype A FvD strain in cattle and sheep Benedicta Buz, Milla Loeffler, Magdalena Beggs, Aliso Dentary, Charis Wilson, Wilco Vellema	Studying CPV specific immune response using dendritic vaccines Joaquín Rodríguez, Inna Muñoz-González, Sus DeGue, Beatriz De la Torre, María Pérez-Soria, Rosa Rosell, Mariano Domínguez, David Andrés, Lorenzo Filla, Blanca Guzmán	Molecular epidemiology of two important viral diseases of pigs in Cuba: classical swine fever and swine influenza JUDITH BORTOLATI
16:30-16:45				Situation of the Porcine circovirus type 2 with teschovirus in the Republic of Haiti Max F. Miller
17:00-17:30				Scenes in the Caribbean: A Swine Health Analysis Jocelyn J.B. Stappell, Jennifer Priddy, Christine V.J. Carrington, Bowen Lovison, Rahim Boopalmat, Alfred Van Soeren, Colin James, Max F. Miller, Charles L. Raposo, Alexandra Vokaty
17:30-17:45				West Nile in the Caribbean Stavros Buz, Nathalia Vachery, Thierry Leffraignes, Ben Guizab-Guad, Emmanuel Adams, Jennifer Priddy
17:45-18:00				African swine fever in Haiti Yolande Guizab, Miguel Dejean, Orlando Robert
18:00-18:15				African swine fever in Cuba and the Caribbean Marta T. Ezzil Lobos, Ana M. Acosta, Roberto Barria, Abdon Albiol Morales, Damaris Belva Vento, A. Vega Robledo, E. Ferrer Miranda, P. Alfonso Zamora, Heidy Diaz de Arce Landa, L. J. Pérez Rodríguez, L. Pérez González
18:15-18:30				Identification of viruses causing respiratory disease of poultry flocks in Trinidad and Tobago Adriana Brown-Jordan, Lemar Blake, Judy Bennett, Zu Muhammad, Chad Rampersad, Jamie Sockoo, Gabriel Brown, Christine Carrington, Christopher Ours
18:30-18:45				

Topic		Parallel EPIZONE session 3		Parallel EPIZONE session 4		Parallel EPIZONE special session 2	
Duration		Diagnosis 120 min		Epidemiology, surveillance & risk assessment 2 120 min		Focus on PED & SBV 120 min	
10h10-10h25	Applicability of faeces samples for detecting antibodies against African swine fever Elvira Nieto Pradolles, Beljén Rivera-Arroyo, Antonio Sans, José Manuel Sánchez-Vizcaino	Chair: A. Betner & A. Lavazza	Chair: B. Martínez-López & C. Saegerman	Study of the nuclear targeting of the NS5 protein of Schmallenberg virus Julie Gouzil, Auroro Fabier, Grégory Caignard, Cindy Kundlacz, Pierre-Olivier Vidalain, Frédéric Tangy, Stephan Zentgraf, Damien Vitour	Chair: B. Hoffman & C. Ours	Study of the nuclear targeting of the NS5 protein of Schmallenberg virus Julie Gouzil, Auroro Fabier, Grégory Caignard, Cindy Kundlacz, Pierre-Olivier Vidalain, Frédéric Tangy, Stephan Zentgraf, Damien Vitour	Chair: B. Hoffman & C. Ours
10h25-10h40	Towards serological surveillance in the Belgian BVDV eradication programme: evaluation of commercial ELISA kits for the detection of antibodies against BVDV in serum and milk using a large collection of field samples Mélodie Baccot, Jean-Baptiste Hanson, Camille De la Ferté, Sophie Roelandt, Yves Van der Stede, Ann-Brigitte Call		Assessment of African swine fever diagnostic techniques as a response to the epidemic outbreaks in eastern European Union countries: how to improve surveillance and control programmes Carmela Galarraga, Jovita Fernández-Piñero, Raquel Mariño, Alejandro Soler, Virginia Pelayo, Iwona Markowska-Daniel, Geórgina Pradoskas, Imbi Nurmola, Rita Granja, Alicia Simon, Covadonga Perez, Elena Martin, Paloma Fernandez-Pacheco, Marisa Arias	Reoccurrence of Schmallenberg virus 2014/2015 in Germany Kerstin Wormke, Bernd Hoffmann, Franz Conraths, Martin Beer		Reoccurrence of Schmallenberg virus 2014/2015 in Germany Kerstin Wormke, Bernd Hoffmann, Franz Conraths, Martin Beer	
10h40-10h55	Cartridge-based real-time molecular diagnostic assays for the rapid and simple detection of African swine fever and foot-and-mouth disease virus Katja Goller, Veronika Dill, Paul Martin, Sandra Blome, Martin Beer, Bernd Haas		Prevalence of some potentially zoonotic pathogens in the Dutch equine population Kees van Maanen, Martine Böber, Joke van der Giessen, Inge Santman-Berends, Miriam Koene	Is flock renewal a risk for novel Schmallenberg virus episode in sheep flocks? François Claes, Damien Coupeau, Laetitia Wiggers, Benoît Maykens, Nathalie Kinchinská		Is flock renewal a risk for novel Schmallenberg virus episode in sheep flocks? François Claes, Damien Coupeau, Laetitia Wiggers, Benoît Maykens, Nathalie Kinchinská	
10h55-11h10	PCR detectability and stability of Aujeszky's disease virus in porcine oral fluid Sara Verpoot, Rodolphe Michiels, Ann Brigitte Call, Nick de Regge		Spatio-temporal network analysis of pig movements in Great Britain: implications for disease transmission and control strategies Clara Guindal, Anne Reilun, Aaron Morris, Linda Dixon, Dirk Udo Pfeiffer	Evolution of Schmallenberg virus seropositivity over years among sheep naturally infected at different ages François Claes, Damien Coupeau, Laetitia Wiggers, Benoît Maykens, Nathalie Kinchinská		Evolution of Schmallenberg virus seropositivity over years among sheep naturally infected at different ages François Claes, Damien Coupeau, Laetitia Wiggers, Benoît Maykens, Nathalie Kinchinská	
11h10-11h25	Approaches to DNA assays for West-Nile virus Belén Bebbió, Sylvie Lecollinet, Ana Camuñas, Elena Sorla, Antonio J. Sans, Angel Vensteo		Risk of transmission of <i>Coxsackie burnetii</i> during the caprine in-vitro produced embryo transfer Jean-Louis Felletti	Re-emergence of Porcine epidemic diarrhoea virus in Germany Dennis Harke, Anne Pothmann, Dirk Höper, Carola Sauter-Louis, Mathias Ritzmann, Julia Stöber, Valeriy Akimkin, Bernd Schwarz, Martin Beer, Günter Strebelow, Sandra Blome		Re-emergence of Porcine epidemic diarrhoea virus in Germany Dennis Harke, Anne Pothmann, Dirk Höper, Carola Sauter-Louis, Mathias Ritzmann, Julia Stöber, Valeriy Akimkin, Bernd Schwarz, Martin Beer, Günter Strebelow, Sandra Blome	
11h25-11h40	Optimized antigen expression and presentation for diagnostic purposes – a new potential for Equine Herpesvirus 1 as a vector Susanne Köstler, Walid Azab, Nicole Böger, Patricia König, Benedikt Kauter, Nikolaus Oberrieder, Claudia Engemann, Martin Beer		First isolation of Canine Parvovirus in Morocco Nadia Amrani, Khalil Zro, Chafiq Loufi, Jamal Malik, Jaouad Berrada, Abiam Kadiri	Description of the first case of porcine epidemic diarrhoea in France in December 2014 and the duration of viral shedding in the herd Beatrice Gralinski, Cécilia Bernard, Lionel Bigaut, Aurélie Leroux, Hélène Quenault, Olivier Toulouse, Christelle Fabbet, Nicolas Rose, Fabrice Touzin, Yannick Blanchard		Description of the first case of porcine epidemic diarrhoea in France in December 2014 and the duration of viral shedding in the herd Beatrice Gralinski, Cécilia Bernard, Lionel Bigaut, Aurélie Leroux, Hélène Quenault, Olivier Toulouse, Christelle Fabbet, Nicolas Rose, Fabrice Touzin, Yannick Blanchard	
11h40-11h55	Tracking of African swine fever outbreaks through variation of intergenic 173B/1329L region. Igor Titov, Alexander Malogolovkin, Galina Burmakina, Irina Syndryakova, Sergey Katorkin, Ksenya Mima, Dmitry Kudryashov, Andrey Gogin, Denis Kobasov		African Swine Fever in Sardinia: evidence of several persistent clusters of infection during the re-epidemic wave 2012-2014 Francesco Esiliadis, Sandro Rolasu, Andrea Felici, Stefano Cappai, Carmen Icaro, Carmen Maresca	Genetic characterization of porcine epidemic diarrhoea virus strains isolated from novel outbreaks in the European Union, Belgium. Isaura Christlans, Nadia Conceição-Ivo, Sebastiaan Theunis, Mark Zeller, Lowiese Desmarets, Inge Roulaerts, Elizabeth Heylen, Jelle Mathijssens, Hans Naeyens		Genetic characterization of porcine epidemic diarrhoea virus strains isolated from novel outbreaks in the European Union, Belgium. Isaura Christlans, Nadia Conceição-Ivo, Sebastiaan Theunis, Mark Zeller, Lowiese Desmarets, Inge Roulaerts, Elizabeth Heylen, Jelle Mathijssens, Hans Naeyens	
11h55-12h10	Serology and molecular diagnostics of epizootic haemorrhagic disease virus (EHDV) Stephane Daly, Sandrine Moine, Eliza Tsiartzi, Alex Baeber		Modelling economic impacts of an epidemic spread of West Nile virus in Belgium Marie-France Humblet, Sébastien Vandepotte, Fabienne Fecher-Bourgeois, Philippe Léonard, Christiane Gosset, Thomas Balenghien, Benoît Durand, Clotilde Stoenkel				

03/09/2015, Morning

Topic	Parallel ESJV session 4 Vaccines and antivirals	Parallel ESJV session 5 Host/virus interactions & viral immunity 1	Parallel ESJV session 6 Emerging virus & diseases 1
Duration	120 min	120 min	120 min
14h30-14h45	Chair: M.F. Le Potier & R. Servan de Almeida Assessment of efficacy and immune responses in mice vaccinated with recombinant MVAs expressing single RVPV glycoproteins Elena López-Gil, Gema Lorenzo, Alejandro Marin-López, Sandra Moreno, Javier Ortega, Alejandro B. Izuel	Chair: H. Rauwvynck & C. Ofire-Sossah Postnatal persistent infection with classical swine fever virus: hitherto unreported strategy of the virus to persist in domestic pigs and wild boars. Lilianne Ruggli, Sara Muñoz-González, Oscar Cabezón, Nicolas Ruggli, Marta Perez-Samó, José Bohórquez, Rosa Rosell, Ignasi Marco, Santiago Lavín, Arthur Summerfield, Mariano Domingo	Chair: W. van der Poel & N. Nowaczyk Identification of a novel HCV-like virus in German domestic cattle Christiane Bartschels, Nicole Fischer, Adam Grunichoff, Malik Alawi, Daniela Indebirkin, Alexander Hojkel, Jennifer Ollinger, Kathrin Becker, Andreas Beincke, Aarjgen Rehnge, Paul Becker
14h45-15h00	Salmonid alphavirus glycoprotein E2 requires low temperature and E1 for virion formation and induction of protective immunity Mia HMK, Sine Braaten, Stigbjørn Vilvang, Kjetan Hoedeland, Corlene Geertsema, Lisa Verhagen, Petter Front, Jost Vaa, Egeir Hilmstad, Gørbun Fyllman	Chair: Sara Muñoz-González, Marta Perez-Samó, María Muñoz, José Bohórquez, Rosa Rosell, Arthur Summerfield, Mariano Domingo, Nicolas Ruggli, Lilianne Ruggli	Detection of a novel bovine astrovirus in a cow with encephalitis Kore Schlotzky, Christoph Schulte, Sabine Birk, Dennis Hunkle, Dirk Höper, Martin Beer, Bernd Hoffmann
15h00-15h15	Potential colibic vaccine against influenza virus Tomaz Agca, Paulina Weiher, David Nitzan	Transcriptome analysis reveals the host response to Schmallenberg virus in bovine cells and antagonistic effects of the NSs protein Anne-Lie Boutsduyn, Quan Gu, Gerald Barry, Gavin Wible, Jessica Shelton, Margaret Baird, Melanie McAnane, Esther Schreiber, Richard Elliott, Massimo Palmari, Alain Kohl	Peste des petits ruminants in Spanish sheep breed: protection study and experimental infection using NIGTS/1 vaccine strain and MORV08 field isolate Christina Cano-Gómez, Francisco Llorente, Paloma Fernández-Pacheco, Ana Robles, Amalia Villalba, Mª Carmen Barbero, Genevieve Libeau, Miguel Angel Jiménez-Cavero, Jodiá Fernández-Piñero
15h15-15h30	Antiviral activity of type I and III porcine interferons against classical swine fever virus Brendley Cradgington, Helen Everett, Mike Skinner, Helen Goodie	Early events of canine herpesvirus 1 infections in canine respiratory and genital mucosae by the use of ex vivo models Yves Li	Novel insights in experimental peste des petits ruminants virus infection, transmission, pathogenesis and propagation Christina Schätz, Christine Fast, Martin Beer, Bernd Hoffmann
15h30-15h45	RNA interference as antiviral therapy against Peste des Petits Ruminants: proof of concept of in vivo efficiency using a small animal model Cécile Mings, Renata Servan de Almeida, Carine Holz, Renaud Lancelot, Genevieve Libeau, Matrias Hillbrink, Olo Langat, Emmanuel Albon	Epigenetic regulation of gga-microRNA-126 during lymphoproliferative disease in chicken Babette Gernat, Lore Parisse, Srdan Pejakovic, Benoit Mayhans	Serological Evidence of Peste des Petits Ruminants in Yala, Pakistan Muhammad Abubakar, Shumaila Manzoor, Esham-ul-haq Khan, Hussain Manzoor, Muhammad Afzal, Qurban Ali, JUDAH WOODS, Muhammad muir
15h45-16h00	Use of in silico prediction models to predict T-cell epitopes for the development of vaccines against African swine fever virus Erika Wabnitz, Ben Peeters, Peter Willemien	A equine herpesvirus type 1 (EHV-1) abortion outbreak caused by a neuro-pathogenic strain in vaccinated mares Lilubo Barbas, Vladimir Stevanovic, Snezana Kovac, Madić Josip	Outbreak of herpesvirus in the southern Philippines, 2014 Debbie Earles, A. Ruth Foxwell, Fedelino Malbas, Sam McCullough, Glenn Marsh
16h00-16h15	Generation of a new Newcastle Disease vaccine by reverse genetics based on a recently genotype XI virus Helen Iles, Patricia Gil, Carole Minet, Renata Servan de Almeida, Emmanuel Albon	Effect of inoculation dose and age of the pigs on clinical, virological and serological parameters of an African swine fever infection Phaedra Eise, Eefke Weesendorp, Bernice Moonen-Leveten, sjank oak, Wille Loeffen	Kobuvirus in brains of piglets diagnosed with congenital tremor type A-1 Estelita Garabito, Maja Malsberg, Oscar Cabezón, Juliette Heyer, Rosa Rosell, Sándor Békák, Joaquim Segalés
16h15-16h30	A domain located at the amino terminus of the envelope glycoprotein (E0) of an orthobunyavirus is targeted by neutralizing antibodies Gianluigi Roman-Sosa, Emiliana Brocchi, Horst Schlammeyer, Kerstin Wormian, Christian Schiel, Martin Beer	Tubulin interact with porcine and human β proteins of the genus Alphacoronavirus and influence the viral replication cycle of the porcine coronavirus TCV Anna Theresia Baudiger, Peter Mayrhofer, Yue Ma-Lauer, G. Pohlert, J. Muehleth, Albrecht von Brunn, Christel Schweigmann-Wiedisch	Identification of a new non-pathogenic Igavovirus in Lepus europaeus Patricia Caradillo, Stefano Molinari, Giulia Petroni, Mario Chian, Emiliana Brocchi, Antonio Lavazza, Lorenza Capucci

01/09/2015, Afternoon

Parallel ESJV Poster Presentation Session 1		Parallel ESJV Poster Presentation Session 2		Parallel ESJV Poster Presentation Session 3	
Room	Main Hall Posteur	July 2	July 3		
Duration:	90 min	90 min	90 min		
17h00-17h05	Chair: S. Zientara & R. Servon de Almeida The characterization of avian influenza viruses isolated from wild birds in Vietnam from 2010 to 2014 Hirotaki Takakura, Toshiyo Yabuta, Yoshiki Kinoshita, Takafumi Isemori, Kosuke Suda, Tatsufumi Usui, Kozue Hotta, Le Mai, Tetsumi Yamashiro, Hirochi Ozaki, Hiroshi Ito, Tsuyoshi Yamaguchi, Toshiyuki Murase, Toshihiro Ito, Etsuro Ono, Koichi Otsuki	Chair: A. Betner & G. Libeau Emerging pestiviruses and impact on animal production Nicola Dezza, Leonardo Occhiogrosso, Viviana Mari, Maria Stella Lucente, Gabriella Ella, Eleonora Lonusso, Michelle Losurdo, Vittorio Larocca, Canto Buonavoglia	Chair: C. Gallardo & S. Gutierrez Infectivity of CBPV major RNAs Ibrahim Youssif, Frank Schurr, Magali Bibiène-Chabert, Richard Thierry, Eric Dubois		
17h05-17h10	The effect of Streptococcus suis co-infection on the infection of well-differentiated porcine respiratory epithelial cells by swine influenza viruses Ming Jianshi, Nai-Huei Wu, Maren Seltz, Peter Valentin-Wiegand, Xuofeng Ren, Georg Herber	Emergence of a virulent BVDV type 2C strain in the Netherlands Jef Märs, Kees van Maanen, Linda van Duijn	Rare recombination events and occurrence of superinfection exclusion during synchronous and asynchronous infection with homologous murine norovirus strains Eliabetta Di Felice, Louisa Ludwig, Barbara Toffoli, Chiara Ceci, William Zorzi, Barbara Di Martino, Felice Marsilio, Etienne Thierry, Axel Mauroy		
17h10-17h15	Investigation of a possible link between vaccination and the 2010 Sheep pox epizootic in Morocco Andy Hingeman, Khalil Zro, Frank vanderbussche, Donal Sammie, MM Emma, Kris De Clercq Arnebel De Vleeschdauwer	Commercial vaccines may not protect against local strains of bovine viral diarrhoea virus Magdi Yesilbas, Gizem Alpaz	Feline immunodeficiency virus (FIV) in free ranging Leopards (Panthera pardus), from the Kruger National Park, South Africa Tanya Katz, Susan Engelbrecht, Conrad Matthee, Danny Goverder, Sonja Matthee		
17h15-17h20	Prevalence of antibodies to selected viral pathogens in wild boars (Sus scrofa) in Serbia Tamara Petrović, Diana Lupošević, Gopiana Lazić, Jasna Prodanović, Radivoje, Vladimir Poparek, Radoslav Dosen, Sava Lazić	Experimental infection of bluetongue virus serotype 4 MOH2009/09 strain in IFNAR (-/-) mice Alejandro Marin-Lopez, Roberto Bermudez, Eva Calvo-Pinilla, Alejandro Brus, Javier Ortega	Intra-host phylogenetic analysis of canine distemper virus Yaelina Panzera, N. Saruta, G. Iraola, M. Vignuzzi, R. Pérez		
17h20-17h25	Is Ornithodoros erraticus able to transmit the Georgia2007/1 African Swine Fever virus isolate to domestic pigs? Jennifer Bernard, Laurence Viel, Evelynne Huetz, Frédéric Paboeuf, Vincent Michaud, Fernando Bonas, Marie-Elodérique Le Boisset	Bluetongue and epizootic haemorrhagic disease viruses in Reunion Island Catherine Citre-Sossah, Aurélie Pedarries, Lorène Rieau, Corinne Saillieu, Emmanuel Breaud, Cyril Viarouge, Séphane Zientara, Olivier Enault, Eric Cardinale	Molecular phylogeography of canine distemper virus Yaelina Panzera, N. Saruta, G. Iraola, M. Hernández, R. Pérez		
17h25-17h30	A multidisciplinary approach to combat wildlife diseases: Vaccination with hematophagous arthropods as "living syringes" Anne Dattiles, Yi Li	First detection of porcine epidemic diarrhoea virus in Slovenia, 2015 Ivan Toplak, Marina Štavelj, Danijela Riharic, Peter Hostnik, Jole Grem	Genome evolution of canine parvovirus in South America Ruben Pérez, Sofia Grecco, Ana Paula Silva, Jaime Alcáz, Martina Gallo-Calderrín, Alice Affieri, Lucia Calero, Ana Marandino, Gregorio Iraola, Lourdes Francia, Rodrigo Martino, Yaelina Panzera		
17h30-17h35	BLV experimental infection in buffalo species (Bubalus bubalis): preliminary data Ericksson Efrizalis, Alessandra Martucciello, Carmen Iscaro, Domenico Vecchio, Stefano Petrucci, Ester De Carlo	Identification and genetic characterization of Alchivirus (porcine kobuvirus) in pig farms in Slovakia Stefan Vitez, Ivan Šli, Michaela Vlasakova, Rene Mandelák, Anna Jaskova	Molecular characterization of Rift Valley fever virus isolates from Mozambique and phylogenetic comparison with selected other isolates Benjamin Mubemba, Peter Thompson, Peter Coetzee, Estelle Verdet, Jose Faletine		
17h35-17h40	Coronavirus diversity and ecology in South African bat populations Nadine Samboon, Nidapewa Ithete, Corrie Schoeman, Leigh Richards, Samantha Stoffberg, Wolfgang Freiser	Rotavirus A and C infections in Belgian Dairies suckling pigs Sébastien Theunis, Philip Vt, Lowiese Desmaréts, Inge Boukaerts, Elisabeth Huyten, Mark Zeller, Marc Van Ranst, Jelle Matthijnsens, Hans Nauwynck	Experimental infection of domestic pigeons (Columba livia L.) with lineage 2 West Nile virus Petra Fongáč, Károly Erdélyi, Bernadett Pályi, Norbert Kowotny, Tamás Babony		

01/09/2015, Afternoon

Parallel ESVV Poster Presentation Session 1		Parallel ESVV Poster Presentation Session 2		Parallel ESVV Poster Presentation Session 3	
Room	Main Hall Posteur	Sally 2	Sally 3		
Duration	90 min	90 min	90 min		
17h40-17h45	Chair: S. Zientara & R. Servon de Almeida Ecology of small mammal-borne viruses with zoonotic potential in South Africa Młaczowa Jiliasz, Nadine Sampson, Carrie Schoeman, Leigh Richards, Samantha Stoffberg, Sonja Matthee, Peter Witkowski, Boris Klempa.	Chair: A. Betner & G. Libeau Novel astroviruses in the gastrointestinal complex of Suidae - Characterisation of the pathobiome by metagenomics Oskar Karlsson, Maja Malmberg, Adam Ballin, Janos Bonyeda, Sándor Békák, Fredrik Grantberg	Chair: C. Galardo & S. Gutierrez Long range RNA-RNA interactions within the genome of classical swine fever virus; Influence on viral RNA replication Johanna Hadsbjerg, Thomas Bruun Rasmussen, Graham J. Belsham		
17h45-17h50	Orbivirus screening on dried blood spots from captive oryx in United Arab Emirates stresses the importance of pre-import measures Ludovic Martignolle, Andy Haegeman, Louis Ugeux, Anne-Lise Chéber, Fabiana Dal Pozzo, Ilse de Leeuw, Kris de Clercq, Claude Sangerman	New astroviruses detected in wild birds Ivan Toplak, Danijela Bilić, Petra Banderić, Modest Venguli, Tomi Trilar	Expression and serological reactivity of Hemorrhagic enteritis virus hexon protein Dana Lobzov		
17h50-17h55	Near-universal contamination of commercial equine serum pools with hepac- and pegiviruses Alexander Postel, Jessika Cavalieri, Stephanie Pfander, Walter Stephantie, Elke Steinmann, Karsten Feige, Ludwig Haak, Paul Becher	Update on rabies situation in Serbia Diana Lubić, Jelena Maksić, Nikola Vasić, Budimir Plavic, Tamas Petrovic, Zvonislav Grčić, Sara Lazić	Genetic diversity and pathological findings of Small Ruminant Lentivirus Virus in sheep and goats in the European bordering region (Marmara) of Turkey Eda Altas, Gulay Yurtastoglu Ozturk, Ulku Cimecioglu, Oge Erdogan, Baris Aydin, Nuri Turan, Husyain Yilmaz		
17h55-18h00	Introduction of the three-tiered diagnostic system in Equine Infectious Anaemia surveillance in Croatia Vladimir Stavarović, Ujubo Barbić, Snjezana Kovac, Marko Perharic, Viliam Starešina	Characterisation in France of non-pathogenic lagoviruses closely related to the Australian Rabbit calicivirus RCV-A1: confirmation of the European origin of RCV-A1 Ghislaine Le Gall-Bercu, Evelyne Lemaître, François-Xavier Briand, Stéphane Marchandeu	Immunization of Day-Old Chickens with Recombinant Viruses Expressing Chicken Parvovirus VP2 Protein Laszlo Zsolt, Stephen Spatz, Qingzhong Yu		
18h00-18h05	Luminex technology for group and serotype specific Buetongue antibodies detection Emmanuel BREARD, Annabelle Garnier, Sandra Blaise-Bokorava, Philippe Despres, Sébastien Zentgraf, Philippe Pourquier, Corinne SAILLEAU, Damien Vitour, Cyril Vianrouge	Serological and entomological studies on Schmallenberg virus in Poland, 2013-2014 Julia Ksiaz-Malinowska, Magdalena Laska, Jan Zmudzinski	Replication characteristics of respiratory and neurotropic infectious bronchitis virus (IBV) strains M41 and B1648 in respiratory mucosa and monocytes Vibhanshtha Bebbi, Nam Trus, Hans Nauwynck		
18h05-18h10	Large-Scale Nucleotide Sequence Alignment for Universal Screening PCR Assay Design Alexander Naidg, Tomáš Jiřinec, Lenka Černíková, Helena Jiřincová, Martina Haviřčková	Detection of neurotropic variant of equine herpesvirus 1 associated with abortions in mares in Poland Jenny Rola, Karol Stajszak, Wojciech Socha, Jan Zmudzinski	Dissecting respiratory viral co-infections in poultry using a nanofluidic PCR screening assay Guillaume Crowlie, Alexis Seneet, Charlotte Foret, Mariette Ducañez, Fouzi Kichou, Mohammed Mouahid, Jean-Luc Guéridu		
18h10-18h20					Poster awards

01/09/2015, Afternoon

Parallel EPIZONE Poster Presentation Session 1		Parallel EPIZONE Poster Presentation Session 2		Parallel EPIZONE Poster Presentation Session 3	
Room	Main Hall Pasteur	Sully 1	Sully 2		
Duration	60 min	60 min	60 min		
17h00-17h05	<p>Chair: C. Saegeman & G. Libeau</p> <p>The detection of West Nile virus in veterinary surveillance: how to overcome the flavivirus similarity and control the absence of inhibition in RNA extracted</p> <p>Paolo Bonifant, Deborah Torri, Francesco Dell'ippio, Mattia Cattolani, Andrea Luppi, Michèle Dottori</p>	<p>Chair: J.F. Valarcher & Karl Stahl</p> <p>Molecular typing of Bluetongue Viruses using nCounter Analysis System platform</p> <p>Alfreda Tonello, Stefano Gottardi, Cesare Cammà, Alessio Lonuso, Giovanni Savini</p>	<p>Chair: J.-L. Guéhin & C. Cêtre-Sossah</p> <p>Development of a duplex real-time qRT-PCR method for detection of flaviviruses belonging to Japanese encephalitis and Ntaya serogroups</p> <p>Maria Elzalde, Francisco Llorente, Elisa Perez-Ramirez, Ana Robles, Amalia Villalba, M^r Carmen Barbero, Miguel Angel Jiménez-Clavero, Jordà Fernández-Piñero</p>		
17h05-17h10	<p>Mosquito species involved in West Nile and Usutu viruses transmission in Italy between 2008 and 2014</p> <p>Elisabetta Mancini, Mattia Calzolari, Giola Capelli, Davide Lelli, Fabrizio Montarsi, Mario Chiani, Adriana Sanzili, Michela Quaglia, Valentina Federici, Monica Catalani, Federica Monaco, Maria Goffredo, Giovanni Savini</p>	<p>Detection of a divergent Alpha Coronavirus in bats in Piedmont (Italy)</p> <p>Francesca Rizzo, Luigi Bertolotti, Serena Robertto, Carla Lo Vecchio, Cristina Guidetti, Simona Zoppi, Alessandro Donato, Sergio Rosati, Paola Culasso, Mara Calviati, Roberto Toffoli, Riccardo Orusa, Maria Lucia Mandola</p>	<p>Validation of the ID SCREEN-FMD NSP competitive ELISA</p> <p>Philippe Pourquier, Loïc Comter, Fabien Donnet, Mickaël Roche</p>		
17h10-17h15	<p>Vector Competence of European Culex pipiens (Diptera: Culicidae) mosquitoes for Rift Valley fever Virus</p> <p>Marco Brustolin, Sandra Talavera, Raquel Rivas, Núria Pujol, Marta Valié, Noélio Paegle, Núria Busquets</p> <p>Marco Brustolin, Sandra Talavera, Raquel Rivas, Núria Pujol, Marta Valié, Noélio Paegle, Núria Busquets</p>	<p>Experimental infection of domestic pigs with African swine fever virus Lithuania 2014 Genotype II field isolate</p> <p>Carmina Gallardo, Alejandro Soler, Raquel Nieto, Cristina Cano, Virginia Pelayo, Miguel Sanchez, Geminias Priodobas, Jovita Fernández-Piñero, Victor Briones, Marisa Antas</p>	<p>Validation of the ID SCREEN-African swine fever indirect ELISA</p> <p>Philippe Pourquier, Loïc Comter, Stéphanie Vérié, Mickaël Roche, Fabien Donnet</p>		
17h15-17h20	<p>What is metadata and why is such a good idea?</p> <p>Matteo Mazzucchi, Matteo Trolese, Nicola Ferrè, Paolo Mulatti, Monica Lorenzetto, Dora Trimarchi, Grazia Manca, Stefano Marangon</p>	<p>The complex serological monitoring of an ongoing Small Ruminant Lentiviruses eradication campaign in Italy</p> <p>Maria Serena Beato, G. Bertoni, S. Nardelli, E. Sfrizer, A. Tavella</p>	<p>Preliminary validation of the ID SCREEN[®] PEDV indirect ELISA</p> <p>Loïc Comtes, Mickaël Roche, Stéphanie Vérié, Fabien Donnet, Muriel Malzac, Philippe Pourquier</p>		
17h20-17h25	<p>AMHWA PROJECT "TRANSCRIPTOMAC": Host response gene signatures associated with FMDV infection, vaccination and persistence</p> <p>Martin Beer, Kris De Clercq, David Lefebvre, Annelise De Vrieschauer, Isabelle Schwartz-Cornil, Jean-François Valarcher, Sara Hägglund, Bernd Haas, Pascal Hudelet, Jennifer Richardson, Bernard Klonkowsk, Sandra Blaise-Boisseau, Bakkaï-Kassimi Labib, Stéphanie Bissal</p>	<p>Diagnosis of respiratory outbreak in swine caused by a H1N1 pandemic virus</p> <p>Maria Serena Beato, M. Ustulin, L. Tassoni, F. Zullani, M. Giorgiutti, D. Vo</p>	<p>Development of a multi-check rRT-PCR method for parvovirus detection</p> <p>Liliani Ros, Carmen Peres, Liane Coronado, Damiens Belova, Ana Akvares, Lilliane Ganges, Heidi Diaz de Arce, Lester Pérez, José Nuñez</p>		
17h25-17h30	<p>An unexpectedly major BTV4 epidemic in Greece, 2014</p> <p>Konstantina Tsakouli, Nestora Iliadou, Dimitrios Dilaveris, Spinou Doudounaki, Eleni Chondrogiouki, Olga Mangana-Vougiouka</p>	<p>H5N2 Avian Influenza virus serological study among poultry workers in Iran</p> <p>Aleza Heidari</p>	<p>Development and validation of a new ASFV real time PCR</p> <p>Elodie Coulon, Sandrine Moine, Immanuel Leifer, Estia Tissotat</p>		
17h30-17h35	<p>Baculovirus mediated generation of rabbit haemorrhagic disease virus variant 2 VLPs in Sf9 insect cells and RK13 rabbit cells from codon modified V950b open reading frames</p> <p>Günther Keil, Claudia Müller, Horst Schirmer</p>	<p>H5N8 highly pathogenic avian influenza in Italy: control measures applied to live decoy birds</p> <p>Iliriano Dorotica, Paolo Mulari, Laura Amato, Calogero Terregino, Laura Bertolotti, Pietro Di Bianca, Claudia Cesarotto, Stefano Marangon, Lebara Bonfanti</p>	<p>Evaluation of commercial ELISA kits for the detection of BVDV-specific antibodies in serum and milk using well-characterized sample panels</p> <p>Miguel De Blas, Jean-Baptiste Hanon, Camille De la Ferté, Sophie Roelandt, Yves Van der Stede, Ann-Brigitte Calj</p>		

02/09/2015, Afternoon

Parallél EPIDONE Poster Presentation Session 1		Parallél EPIDONE Poster Presentation Session 2		Parallél EPIDONE Poster Presentation Session 3	
Room	Main Hall Pasteur	Sally 3	Sally 2		
Duration	60 min	60 min	60 min		
17h35-17h40	Chair: C. Seegerman & G. Libeau The prevalence of ten pathogens detected by real-time PCR method in lung tissue samples collected from dead cattle after respiratory disease Igor Toplak, Peter Hostnik, Milan Pogacnik, Tomislav Paller	Chair: J.F. Valarcher & Karl Stahl Modelling the transmission tree of the highly pathogenic avian influenza H5N1 epidemic in Israel, 2015 Timothee Vergès, Guillaume Fournié, Michal Perry Markovitch, Ram Katz, Avichai Lubin, Shimon Perik, Dick Pfeiffer	Chair: J.-L. Guerin & C. Cêtre-Sosath Interlaboratory comparison of assays for detection of antibodies against Porcine Epidemic Diarrhea virus Astrid Böttner, Bertal Strandbygaard, Wim van der Poel, Renate Hakze-Van der Honeg, Falco Steimbach, Akbar Dasjerdji, Beatrice Graziani, Lionel Bigault, Frederik Widdén, Gunnar Svärlund		
17h40-17h45	Malignant catarrhal fever in the Czech Republic: four outbreaks and seroprevalence Vlastimil Křivda, Alexander Nagy, Lenka Čermáková, Roman Vodicka, Jiří Váhalva, Ivan Nágel, Kamil Sedláč	Reassortant Swine Influenza A detected in a pig farm in Piedmont (Italy) Carla La Vecchio, Francesca Rizzo, Chiara Chiapponi, Bruno Sona, Silvia Origlia, Simona Zoppi, Silvia Bertolini, Giuseppe Ru, Emanuela Foni, Maria Lucia Macodola	Evaluation of a newly developed Classical swine fever DIVA ELISA Dennis Meyer, Stefanie Fritsche, Claudia Engemann, Carsten Schroeder, Paul Becher, Alexander Postel		
17h45-17h50	Survey of pestiviruses in ovine abortions by different detection methods María Guetbenou-González, Joe Clarke, Lynsey Cooper, Craig Brown	Generation of engineered BTVs with chimeric structural proteins using reverse genetics - study of functional domain Marc Guilmette-Buzsáts, Gillian Pullinger, Massimo Palmari, Eva Veronesi, Peter Mertens	Development and evaluation of a multiplex classical RT-PCR for simultaneous detection and typing of FMDV in West Africa Kamilla Gorna, Aude Allemmandou, Camille Roublot, Aurone Romey, Anthony Kellmy, Stéphan Zientara, Sandrine Blaise-Bobbeau, Labib Bakkaï-Kassimi		
17h50-17h55	Suwayn-CSF Marker, the first live marker vaccine against Classical Swine Fever Disease authorized at European level Sandra Juanola, Alicia Utrilla, Ane Urteizual, Marie-Frédérique La Poutier, Gábor Kuskár, Willem Loeffen, Gian Mario De Mia, Martin Hoffmann, Sophie Rossi, Rong Gao, Sándor Bedák, Volker Moennig, Jose-Manuel Sanchez-Vizcaino, Thulike Hans-Herrmann, Paolo Calistri, Niels Delater, Frank Koenen, Martin Beer	A real-time PCR test for the detection and differentiation of porcine epidemic diarrhea virus and porcine deltacoronavirus Martina Kahle, Christa Goodell, Lori Plourde, Kathy Verek, Lisa Gow, Valerie Leathers, Michael Angelichio	Development of a Lumivex assay for the serological diagnosis of Vesicular stomatitis virus Anthony Kellmy, Aurone Romey, Kamilla Gorna, Stefan Zientara, Sandrine Blaise-Bobbeau, Labib Bakkaï-Kassimi		
17h55-18h10	Poster award				

02/09/2015, Afternoon

PLENARY SESSIONS

ESVV Plenary Session 1

Monday 31st August 2015
16:45-18:30

Auditorium Pasteur

Plenary keynote 1: **Toward a universal influenza virus vaccine**

Prof Peter Palese

Department of Microbiology, Icahn School of Medicine at Mount Sinai, New York, USA

Plenary keynote 2: **Evolution of arboviruses**

Prof Scott Weaver

Institute for Human Infections and Immunity and Department of Microbiology and Immunology, University of Texas Medical Branch, Galveston, USA

ESVV Plenary Session 2

Tuesday 1st September 2015
9:00-10:30

Auditorium Pasteur

Plenary keynote 3: **Virus discovery by metagenomics: Increasing the knowledge of the human virome at homeostasis and disease by deep sequencing of clinical samples**

Prof Marc Eloit

Institut Pasteur, Biology of Infection Unit, Inserm U1117, Pathogen Discovery Laboratory, Paris, France

Plenary keynote 4: **Assembly and disassembly of African Swine Fever virus**

Dr Germán Andrés

Center of Molecular Biology Severo Ochoa (CBMSO), Madrid, Spain

ESVV Plenary Session 3

Tuesday 1st September 2015
13:45-14:30

Auditorium Pasteur

Plenary keynote 5: **Virulence evolution during epidemics**

Dr Sylvain Gandon

Ecology and evolutive epidemiology unit, CNRS, Montpellier, France

ESVV Plenary Session 4

Wednesday 2nd September 2015
08:30-09:15

Auditorium Pasteur

Plenary keynote 6: **Realtime surveillance and risk assessment**

Prof Beatriz Martínez-López

Center for Animal Disease Modeling and Surveillance, Department of Medicine and Epidemiology, School of Veterinary Medicine, University of California (CADMS), Davies, California, USA

EPIZONE Opening Session

Wednesday 2nd September 2015
13:15-15:00

Auditorium Pasteur

Plenary keynote 7: **The impact of evolution and ecology on host species jumps**

Dr Pablo R. Murcia

University of Glasgow, Centre for Virus Research, Glasgow, United Kingdom

Plenary keynote 8: **Elusive Coronavirus Vaccines: Strategies for PEDV Vaccines and Lessons from TGEV Vaccines**

Prof Linda J. Saif

Food Animal Health Research Program, CFAES, Ohio Agricultural Research and Development Center, Dept of Vet Prev Med, The Ohio State University Wooster, OH 44691 - United States

EPIZONE Plenary Session

Thursday 3rd September 2015
09:00-09:45

Auditorium Pasteur

Plenary keynote 9: **New development in diagnosis of viral infections**

Dr Jean-Claude Manuguerra

Environment and Infectious Risks Expertise and Research Unit, Laboratory for Urgent Response to Biological Threats, Institut Pasteur, Paris, France

PARALLEL SESSIONS

Parallel ESVV Session 1: Virus evolution

Tuesday 1st September 2015

11:00-12:30

Auditorium Pasteur

Chair: Trevor Drew & Emmanuel Albina

Genetic characterization of a distinct world-wide-spread genetic lineage of Infectious Bursal Disease virus

Ruben Pérez

Facultad de Ciencias (FC-UdelaR) - Iguá 4225 - Uruguay

Characterization and phylogenetic analysis of cetacean morbillivirus infection in eastern Atlantic-based cetacean populations

Carolina Bento

Centro de Investigação Interdisciplinar em Sanidade Animal (CIISA) - Avenida da Universidade Técnica 1300-477, Lisboa - Portugal

Development of a bioinformatics pipeline to identify and characterise minor variants in Foot-and-mouth disease virus populations using data generated from the Illumina MiSeq

David King, Graham Freimanis, Richard Orton, Donald King, Daniel Haydon

The Pirbright Institute (TPI) - Ash Road, Woking - United Kingdom

Comparative molecular epidemiology of the two closely related bovine coronavirus (BCoV) and human coronavirus OC43 (HCoV-OC43) revealed different evolution dynamic pattern

Nathalie Kin, Meriadeg Le Gouil, Fabien Miszczak, Laure Diancourt, Valérie Caro, Astrid Vabret

Unité de Recherche Risques Microbiens (U2RM) Université de Caen Basse-Normandie: EA4655 Esplanade de la paix, 14000 CAEN - France

Fitness evaluation and molecular characterization of a recombinant murine norovirus during serial passages in cell culture

Edmilson Ferreira de Oliveira Filho, Elisabetta Di Felice, Barbara Toffoli, William Zonta, Ana Carolina Terzian, Elizabeth Mathijs, Etienne Thiry, Axel Mauroy

Fundamental and Applied Research in Animal Health Center and Faculty of Veterinary Medicine, University of Liège, Belgium

Parallel ESVV Session 2: Influenza

Tuesday 1st September 2015

11:00-12:30

Room Barthez

Chair: Thierry Van den Berg & Martin Beer

Codon deletions and substitutions in the PA linker of the RNA-polymerase allow generation of temperature-sensitive and attenuated influenza viruses

Léa Meyer, Bruno Da Costa, Alix Sausset, Ronan Le Goffic, Bernard Delmas

Virologie et Immunologie moléculaires (VIM)

Institut National de la Recherche Agronomique – INRA - Domaine de Vilvert, 78350 Jouy-en-Josas - France

Detection of a new Influenza D Virus in Cattle, France, 2011-2014

Elias Salem, Gilles Meyer, Claire Pelletier, Hervé Cassard, Mariette Ducatez

French National Institute for Agronomy Research (INRA) and Ecole Nationale Vétérinaire (INP-ENVT), Toulouse, France (INRA-INP-ENVT UMR1225)

Anti-nucleocapsid protein antibody is sufficient to confer resistance to lethal infection with influenza A viruses of several subtypes in transgenic mice

Yoshikazu Fujimoto, Kinuyo Ozaki, Gen-Ichiro Uechi, Hiroki Takakuwa, Yukiko Tomioka, Toshiyo Yabuta, Haruka Suyama, Sayo Yamamoto, Masami Morimatsu, Toshihiro Ito, Koichi Otsuki, Mai Q. Le, Tetsu Yamashiro, Etsuro Ono

Department of Biomedicine, Graduate School of Medical Sciences, Kyushu University - Japan

Center of Biomedical Research, Research Center for Human Disease Modeling, Graduate School of Medical Sciences, Kyushu University - Japan

Mutation of Serpine1 in mice results in increased susceptibility to influenza A virus infection due to increased vascular leakage and virus dissemination

Dai-Lun Shin, Bastian Hatesuer, Ruth L.O. Stricker, Klaus Schughart

Department of Infection Genetics, Helmholtz Centre for Infection Research (HZI) - Germany

University of Veterinary Medicine Hannover (TiHo-Hannover) - Germany

Antigenic mapping of the avian influenza virus M2 protein extracellular domain using overlapping short peptides-based ELISA

Noor Haliza Hasan, Jagoda Ignjatovic, Simson Tarigan, Anne Peaston, Farhid Hemmatzadeh

School of Animal & Veterinary Sciences, The University of Adelaide - Roseworthy Campus, 1454 Mudla Wirra Rd, Roseworthy SA 5371 - Australia

Institute for Tropical Biology & Conservation, Universiti Malaysia Sabah - Jalan UMS, 88400 Kota Kinabalu, Sabah - Malaysia

Streptococcus suis affects the replication of swine influenza virus in porcine tracheal cells

Nai-Huei Wu, Fandan Meng, Maren Seitz, Peter Valentin-Weigand, Georg Herrler

Institute of Virology, University of Veterinary Medicine Hannover (TiHo Hannover) - Germany

Parallel ESVV Session 3: Arboviruses

Tuesday 1st September 2015

11:00-12:30

Room Rondelet

Chair: Thomas Mettenleiter & Serafin Gutierrez

Knockout of non-structural protein NS3/NS3a abolishes propagation of bluetongue virus in Culicoides sonorensis

Femke Feenstra, Barbara Drolet, René Van Gennip, Jan Boonstra, Piet Van Rijn

Central Veterinary Institute of Wageningen UR Faculty of Veterinary Medicine, Utrecht University - Netherlands

Genetic diversity of West Nile virus in Europe

Norbert Nowotny, Tamás Bakonyi, Jolanta Kolodziejek, Ivo Rudolf, Zdenek Hubálek, Karin Pachler, Karin Sekulin, Bernhard Seidel

Viral Zoonoses, Emerging and Vector-Borne Infections Group, Institute of Virology, University of Veterinary Medicine, Vienna - Austria

Department of Microbiology and Immunology, College of Medicine and Health Sciences, Sultan Qaboos University (SQU) - Oman

The entomological surveillance of West Nile virus in Lombardia and Emilia-Romagna regions, Northern Italy, 2014

Mattia Calzolari, Davide Lelli, Romeo Bellini, Paolo Bonilauri, Francesco Defilippo, Giulia Maioli, Ana Moreno Martin, Marco Tamba, Mario Chiari, Paola Angelini, Silvano Natalini, Marco Farioli, Antonio Lavazza, Alice Prospero, Francesca Faccin, Mariagrazia Zanoni, Michele Dottori

Istituto Zooprofilattico Sperimentale Lombardia e Emilia-Romagna (IZSLER) - Via Pitagora 2, 42100 Reggio Emilia - Italy

Broad Molecular Detection of Flaviviruses

Alia Yacoub, Giorgi Matreveli, Valeria Leskova, Frederik Widén, Kerstin Falk, Sándor Belák, Mikael Leijon

National Veterinary Institute, SVA, SE-751 89 Uppsala, Sweden

Demographics of natural oral infection of mosquitos by Venezuelan equine encephalitis virus

Serafin Gutierrez

CIRAD UMR CMAEE - 34398 Montpellier, France

Simbu sero-group virus serum neutralizing antibodies in cattle in Tanzania

Coletha Mathew , Siv Klevar, Armin Elbers, Wim Van Der Poel, Peter Kirkland, Jacques Godfroid, Robinson Mdegela, George Mwamengele, Maria Stokstad

Norwegian University of Life Sciences (NMBU)
Sokoine University of Agriculture - Norway

Parallel ESVV Session 4: Vaccines and antivirals

Tuesday 1st September 2015
14:30-16:30

Auditorium Pasteur

Chair: Marie-Frédérique Le Potier & Renata Servan de Almeida

Assessment of efficacy and immune responses in mice vaccinated with recombinant MVAs expressing single RVFV glycoproteins

Elena López-Gil, Gema Lorenzo, Alejandro Marín-López, Sandra Moreno, Javier Ortego, Alejandro Brun

Centro de Investigación en Sanidad Animal (INIA-CISA) - Spain

Salmonid alphavirus glycoprotein E2 requires low temperature and E1 for virion formation and induction of protective immunity

Mia Hikke, Stine Braaen, Stephane Villoing, Kjartan Hodneland, Corinne Geertsema, Lisa Verhagen, Petter Frost, Just Vlak, Espen Rimstad, Gorben Pijlman

Wageningen University - Netherlands

Potential edible vaccine against influenza virus

Tomasz Lega , Paulina Weiher, Dawid Nidzworski

Department of Medical Biotechnology, Intercollegiate Faculty of Biotechnology, University of Gdansk and Medical University of Gdansk - Kladki 24, 80-822 Gdansk - Poland

Antiviral activity of type I, II and III porcine interferons against classical swine fever virus

Bentley Crudginton, Helen Everett, Mike Skinner, Helen Crooke

Animal and Plant Health Agency (APHA)

Department of Virology, Woodham lane, New Haw, Surrey, KT15 3NB - United Kingdom

RNA interference as antiviral therapy against Peste des Petits Ruminants: proof of concept of in vivo efficiency using a small animal model

Cécile Minet, Renata Servan de Almeida, Carine Holz, Renaud Lancelot, Geneviève Libeau, Mattias Hällbrink, Ülo Langel, Emmanuel Albina

CIRAD UMR CMAEE - 34398 Montpellier, France

Use of in silico prediction models to predict T-cell epitopes for the development of vaccines against African swine fever virus

Eefke Weesendorp, Ben Peeters, Peter Willemsen

Central Veterinary Institute (CVI) - Houtribweg 39 - Netherlands

Generation of a new Newcastle Disease vaccine by reverse genetics based on a recently genotype XI virus

Haijin Liu, Patricia Gil, Cécile Minet, Renata Servan de Almeida, Emmanuel Albina

CIRAD UMR CMAEE - 34398 Montpellier, France

A domain located at the amino terminus of the envelope glycoprotein (Gc) of an orthobunyavirus is targeted by neutralizing antibodies

Gleyder Roman-Sosa, Emiliana Brocchi, Horst Schirrneier, Kerstin Wernike, Christian Schelp,

Martin Beer, Emiliana Brocchi, Horst Schirrmeier, Kerstin Wernike, Christian Schelp, Martin Beer

Institute of Diagnostic Virology, Friedrich-Loeffler-Institut - Südufer 10 17493 Greifswald - Insel Riems - Germany

Gavin Wilkie, Jessica Skelton, Margaret Baird, Melanie McFarlane, Esther Schnettler, Richard Elliott, Massimo Palmarini, Alain Kohl

Section of Virology, BVF, Swedish University of Agricultural Sciences (SLU) - Uppsala - Sweden

MRC-University of Glasgow Centre for Virus Research, Glasgow, Scotland, United Kingdom

Parallel ESVV Session 5: Host / virus interactions & viral immunity 1

Tuesday 1st September 2015

14:30-16:30

Room Barthez

Chair: Hans Nauwynck & Catherine Cêtre-Sossah

Postnatal persistent infection with classical swine fever virus: Hitherto unreported strategy of the virus to persist in domestic pigs and wild boars.

Lilianne Ganges, Sara Muñoz-Gonzalez, Oscar Cabezón, Nicolas Ruggli, Marta Perez-Simó, José Bohórquez, Rosa Rosell, Ignasi Marco, Santiago Lavín, Arthur Summerfield, Mariano Domingo

Centre de Recerca en Sanitat Animal (CRESA), Institut de Recerca i Tecnologia Agroalimentàries (IRTA), Campus de la UAB, Bellaterra, Barcelona, Spain (CRESA-IRTA) - Edifici CRESA, Campus de la UAB, Bellaterra, Barcelona, - Spain

Inefficacy of a CSFV live attenuated vaccine when postnatal persistent infection takes the stage

Sara Muñoz-Gonzalez, Marta Perez-Simó, Marta Muñoz, José Bohórquez, Rosa Rosell, Arthur Summerfield, Mariano Domingo, Nicolas Ruggli, Lilianne Ganges

Centre de Recerca en Sanitat Animal (CRESA), Institut de Recerca i Tecnologia Agroalimentàries (IRTA), Campus de la UAB, Bellaterra, Barcelona, Spain (CRESA-IRTA) Edifici CRESA, Campus de la UAB, Bellaterra, Barcelona, - Spain

Transcriptome analysis reveals the host response to Schmallenberg virus in bovine cells and antagonistic effects of the NSs protein

Anne-Lie Blomström, Quan Gu, Gerald Barry,

Early events of canine herpesvirus 1 infections in canine respiratory and genital mucosae by the use of ex vivo models

Yewei Li

Ghent University (UG) - Ghent University, Faculty of Veterinary Medicine, Department of Virology, Parasitology and Immunology, Laboratory of Virology, Salisburyaan 133, B-9820 Merelbeke - Belgium

Epigenetic regulation of gga-microRNA-126 during lymphoproliferative disease in chicken

Isabelle Gennart, Lore Parisse, Srdan Pejakovic, Benoît Muylkens

Integrated veterinary unit research, University of Namur, Belgium

A equine herpesvirus type 1 (EHV-1) abortion outbreak caused by a neuropathogenic strain in vaccinated mares

Ljubo Barbic, Vladimir Stevanovic, Snjezana Kovac, Madic Josip

Department for Microbiology and Infectious Diseases with Clinic, Faculty of Veterinary Medicine, University of Zagreb (VEF) - Heinzelova 55 10000 Zagreb - Croatia

Effect of inoculation dose and age of the pigs on clinical, virological and serological parameters of an African swine fever infection

Phaedra Eblé, Eefke Weesendorp, Bernie Moonen-Leusen, Sjaak Quak, Willie Loeffen

Central Veterinary Institute of Wageningen UR (CVI) - Netherlands

Tubulins interact with porcine and human S proteins of the genus Alphacoronavirus and influence the viral replication cycle of the porcine coronavirus TGEV

Anna-Theresa Ruediger, Peter Mayrhofer, Yue Ma-Lauer, G. Pohlentz, J. Muething, Albrecht von Brunn, Christel Schwegmann-Weßels

University of Veterinary Medicine Hannover - Germany

**Parallel ESVV Session 6:
Emerging virus & diseases 1**

Tuesday 1st September 2015

14:30-16:30

Room Rondelet

Chair: Wim van der Poel & Norbert Nowotny

Identification of a novel HCV-like virus in German domestic cattle

Christine Baechlein, Nicole Fischer, Adam Grundhoff, Malik Alawi, Daniela Indenbirken, Alexander Postel, Jennifer Offinger, Kathrin Becker, Andreas Beineke, Juergen Rehage, Paul Becher

Institute of Virology, Department of Infectious Diseases, University of Veterinary Medicine, Hannover-Germany

Detection of a novel bovine astrovirus in a cow with encephalitis

Kore Schlottau, Christoph Schulze, Sabine Bilk, Dennis Hanke, Dirk Höper, Martin Beer, Bernd Hoffmann

Friedrich-Loeffler-Institut - Südufer 10, 17493 Greifswald - Riems - Germany

Peste des petits ruminants in Spanish sheep breed: protection study and experimental infection using NIG75/1 vaccine strain and MOR/08 field isolate

Cristina Cano-Gómez, Francisco Llorente, Paloma Fernandez-Pacheco, Ana Robles, Amalia Villalba, M^a Carmen Barbero, Geneviève Libeau, Miguel Ángel Jiménez-Clavero, Jovita Fernández-Pinero

Centro de Investigación en Sanidad Animal (INIA-

CISA) Carretera de Algete el Casar s/n, Valdeolmos, Madrid - Spain

Novel insights in experimental peste des petits ruminants virus infection, transmission, pathogenesis and propagation

Claudia Schulz, Christine Fast, Martin Beer, Bernd Hoffmann

Friedrich-Loeffler-Institut - Südufer 10 17493 Greifswald - Insel Riems - Germany

Serological Evidence of Peste des Petits Ruminants in Yak, Pakistan

Muhammad Abubakar, Shumaila Manzoor, Ehtisham-ul haq Khan, Hussain Manzoor, Muhammad Afzal, Qurban Ali, Jonas Wensman, Muhammad munir

Swedish University of Agricultural Sciences, Uppsala, Sweden

Outbreak of henipavirus in the southern Philippines, 2014

Debbie Eagles, A. Ruth Foxwell, Fedelino Malbas, Sam McCullough, Glenn Marsh

CSIRO Australian Animal Health Laboratory (CSIRO AAHL) - Australia

Kobuvirus in brains of piglets diagnosed with congenital tremor type A-II

Fredrik Granberg, Maja Malmberg, Oscar Cabezón, Juliette Hayer, Rosa Rosell, Sándor Belák, Joaquim Segalés

Department of Biomedical Sciences and Veterinary Public Health / Swedish University of Agricultural Sciences (BVF, SLU) - Sweden

The OIE Collaborating Centre for the Biotechnology-based Diagnosis of Infectious Diseases in Veterinary Medicine, Uppsala, Sweden (OIE CC Uppsala)

Identification of a new non-pathogenic lagovirus in Lepus europeus

Patrizia Cavadini, Stefano Molinari, Giulia

Pezzoni, Mario Chiari, Emiliana Brocchi, Antonio Lavazza, Lorenzo Capucci

Istituto Zooprofilattico Sperimentale della Lombardia ed Emilia Romagna (IZSLER) - Via Bianchi 9, Brescia - Italy

Parallel ESVV Session 7: Enteric viruses

Wednesday 2nd September 2015
09:15-10:30

Auditorium Pasteur

Chair: Jose-Manuel Sánchez-Vizcaíno & Thierry Lefrançois

Comparative analysis of the faecal virome of dogs with various inflammatory intestinal diseases

Paloma Moreno, Josef Wagner, James Gilkerson, Matthew Stevens, Carl Kirkwood, Caroline Mansfield

University of Melbourne (UoM) - The University of Melbourne Victoria 3010, Australia - Australia

Murdoch Childrens Research Institute (MCRI) - Royal Children's Hospital, Flemington Road, Parkville, Victoria, 3052 - Australia

Clinical, virological, and immunological parameters during experimental feline enteric coronavirus infection

Lowiese Desmarests, Sebastiaan Theuns, Nádía Conceição-Neto, Inge Roukaerts, Delphine Acar, Jelle Matthijnsens, Hans Nauwynck

Department of Virology, Parasitology and Immunology, Faculty of Veterinary Medicine, Ghent University - Salisburylaan 133, B-9820 Merelbeke - Belgium

Factors affecting the occurrence of canine parvovirus disease in dogs

Carla Miranda, Júlio Carvalheira, Colin Parrish, Gertrude Thompson

Instituto de Ciências Biomédicas de Abel Salazar and Research Center in Biodiversity and Genetic Resources/InBIO Associate Laboratory, Universidade do Porto (ICBAS-UP and CIBIO/InBIO-UP) - Portugal

Complete genome characterization of recent and ancient Belgian pig group A rotaviruses and assessment of their evolutionary relationship with human rotaviruses

Sebastiaan Theuns, Elisabeth Heylen, Mark Zeller, Inge Roukaerts, Lowiese Desmarests, Marc Van Ranst, Hans Nauwynck, Jelle Matthijnsens

Laboratory of Virology, Faculty of Veterinary Medicine, Ghent University - Salisburylaan 133, B-9820 - Belgium

First detection and phylogenetic analysis of porcine bocaviruses identified in Slovenia

Ivan Toplak, Zoran Zlabravec, Petra Lainšček, Danijela Rihtaric

University of Ljubljana, Veterinary Faculty - Slovenia

Parallel ESVV Session 8: General virology 1

Wednesday 2nd September 2015
09:15-10:30

Room Sully 3

Chair: Linda Dixon & Thomas Mettenleiter

Next generation sequencing of British outbreak cases of Equine Infectious Anaemia Virus: sequence variation and phylogeny among European outbreaks

Daniel Robinson, Nicolas Locker, Falko Steinbach, Bhudipa Choudhury

Animal and Plant Health Agency (APHA) - Weybridge, New Haw, Surrey, KT15 3NB - United Kingdom

MetLab: a bioinformatics platform for viral metagenomics experiments

Martin Norling, Oskar Karlsson, Hadrien Gourelé, Erik Bongcam-Rudloff, Juliette Hayer

Swedish University of Agricultural Sciences (SLU) - Sweden

Capsid proteins of porcine circoviruses interact differentially with the cellular protein gC1qR

Guy Kouokam, Claire de Boisséson, Cecilia Bernard, Lionel Bigault, Annette Mankertz, Yannick Blanchard, André Jestin, Beatrice Grasland

Agence Nationale de Sécurité Sanitaire, de l'Alimentation, de l'environnement et du Travail - Anses Ploufragan/Plouzané Laboratory, Unit of Viral Genetics and Bio-security, B.P. 53, 22440 Ploufragan - France

Superinfection exclusion during infection with African swine fever virus

Raquel Portugal, Gunther Keil

Friedrich-Loeffler-Institut (FLI) - Bundesforschungs-institut für Tiergesundheit Institut für molekulare Virologie und Zellbiologie Südufer 10 17493 Greifswald - Insel Riems - Germany

Epigenetic regulation of the viral RNA telomerase subunit over-expressed in lymphoma induced by Marek's Disease Virus

Srdan Pejakovic, André Claude Mbouombouo Mfossa, Carole Mignon, Isabelle Gennart, Damien Coupeau, Sylvie Laurent, Denis Rasschaert, Benoît Muylkens

Unité de recherche vétérinaire intégrée (URVI) - Université de Namur, Rue de Bruxelles 61, 5000, Namur - Belgium

Parallel ESVV Session 9: General virology 2

Wednesday 2nd September 2015
09:15-10:30

Room Barthez

Chair: Thierry Van den Berg & Stéphane Bertagnoli

Molecular analysis of canine parvovirus type 2 in New Zealand

Magdalena Dunowska, Sylvia Ohneiser, Simon Hills, Nick Cave, Doug Passmore

Institute of Veterinary, Animal and Biomedical Sciences, Massey University (IVABS, Massey University) Palmerston North - New Zealand

Canine infectious tracheobronchitis in Swedish dogs – what does a metagenomics approach reveal?

Maja Malmberg, Juliette Hayer, Oskar Karlsson, Anne-Lie Blomström, Bodil Ström Holst, Jonas Johansson Wensman

Section of virology, Department of Biomedical Sciences and Veterinary Public Health, Swedish University of Agricultural Sciences - Sweden

Staining and expression kinetics of the feline immunodeficiency virus envelope glycoprotein

Inge Roukaerts, Chris Grant, Lowiese Desmarests, Sebastiaan Theuns, Isaura Christiaens, Delphine Acar, Hans Nauwynck

Ghent University (UG) - Ghent University, Faculty of Veterinary Medicine, Department of Virology, Parasitology and Immunology, Laboratory of Virology, Salisburylaan 133, B-9820 Merelbeke - Belgium

Evaluation of genetic differences between the avirulent and virulent pathotypes of feline coronaviruses

Ruisong Yu, Herman Egberink, Hui-Wen Chang, Peter Rottier

Utrecht University, Faculty of Veterinary Medicine, Virology Division Yalelaan 1, 3584CL - Netherlands

Molecular epidemiology, prevalence and risk factors of FCV infection in European domestic felines

Maria Afonso, Gina Pinchbeck, Shirley Bonner, Rosalind Gaskell, Janet Daly, Susan Dawson, Alan Radford

University of Liverpool [Liverpool] (UoL) - Liverpool L69 3BX - United Kingdom

Parallel ESVV Session 10: Emerging virus & diseases 2

Wednesday 2nd September 2015
09:15-10:30

Room Rondelet

Chair: Trevor Drew & Antonio Lavazza

A devastating outbreak of orthopoxvirus infection in *Macaca Tonkeana*

Giusy Cardeti, Claudia Eleni, Maria Teresa Scicluna, Fabrizio Carletti, Stefania Sittinieri, Roberta Giordani, Marina Cittadini, Lorenzo De Marco, Gian Luca Autorino

Istituto Zooprofilattico Sperimentale del Lazio e della Toscana "M. Aleandri" (IZSLT) - Via Appia Nuova 1411, Rome - Italy

New bornavirus discovered in variegated squirrels: Potential link to fatal human infections

Bernd Hoffmann, Dennis Tappe, Kore Schlottau, Dirk Höper, Christiane Herden, Maria Jenckel, Donata Hoffmann, Jens Teifke, Christine Fast, Kerstin Tauscher, Daniel Cadar, Christian Mawrin, Jonas Schmidt-Chanasit, Rainer Ulrich, Martin Beer

Institute of Diagnostic Virology, Friedrich-Loeffler-Institut - Südufer 10 17493 Greifswald - Insel Riems - Germany

Wobbly possum disease: the proof of causation

Magdalena Dunowska, Julia Giles, Matthew Perrott

Institute of Veterinary, Animal and Biomedical Sciences, Massey University (IVABS, Massey University) - Palmerston North - New Zealand

Detection and characterization of a novel reassortant Mammalian Orthoreovirus of bats in Europe

Davide Lelli, Ana Moreno, Andrej Steyer, Tina Naglic, Alice Prospero, Francesca Faccin, Antonio Lavazza

Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER) - Via Bianchi, 9 - 25124 BRESCIA - Italy

Genetic characterization of a novel adenovirus detected in captive bottlenose dolphin (*Tursiops truncatus*) suffering from self-limiting gastroenteritis

Maja Malmberg, Consuelo Rubio-Guerri, Daniel García-Párraga, Elvira Nieto-Pelegrín, Mar Melero, Teresa Álvaro, Mónica Valls, Jose Luis Crespo, Jose Manuel Sánchez-Vizcaíno, Sándor Belák, Fredrik Granberg

Section of virology, Department of Biomedical Sciences and Veterinary Public Health, Swedish University of Agricultural Sciences - Sweden

Parallel ESVV General Assembly

Wednesday 2nd September 2015
11:00-12:00

Auditorium Pasteur

Parallel EPIZONE Session 1: Epidemiology, surveillance & risk assessment 1

Wednesday 2nd September 2015
15:00-16:30

Auditorium Pasteur

Chair: Beatriz Martínez-López & Thierry Lefrançois

Development of a Pipeline for the High-Throughput Sequencing of FMDV: An Application to a Large Outbreak

Graham Freimanis, David King, Richard Orton, Donald King

The Pirbright Institute (TPI) - Ash Road, Woking - United Kingdom

Classical Swine fever in wild boar: Surveillance strategies under the microscope

Katja Schulz, Jana Sonnenburg, Birgit Schauer, Timothee Vergne, Marisa Peyre, Christoph Staubach, Franz Conraths

Friedrich-Loeffler-Institut (FLI) - Südufer 10 17493 Greifswald - Insel Riems - Germany

Quantification of African swine fever virus transmission parameters in carriers and the possible role of indirect virus transmission

Willie Loeffen, Eefke Weesendorp, Bernie Moonen-Leusen, Thomas Hagens, Phaedra Eblé

Central Veterinary Institute of Wageningen UR (CVI) - Netherlands

Lessons learnt from a cross-sectional field survey: how to implement a serological monitoring of BVD-free herds in the Belgian BVDV eradication programme?

Jean-Baptiste Hanon

CODA-CERVA - Groeselenberg 99, 1180 Bruxelles - Belgium

One World One Health: The STAR-IDAZ Global Network for Coordination of Animal Disease Research

Alex Morrow, Luke Dalton

Animal Health & Welfare Evidence (AHWE), DEFRA, Area 5B, Nobel House, 17 Smith Square, London SW1P 3JR - United Kingdom

Parallel EPIZONE Session 2: Intervention strategies

Wednesday 2nd September 2015
15:00-16:30

Room Sully 3

Chair: Linda Dixon & Marie-Frédérique Le Potier

Classical swine fever virus marker vaccine strain CP7_E2alf: shedding and dissemination studies in boars

Carolin Dräger, Anja Petrov, Martin Beer, Jens Teifke, Sandra Blome

Friedrich-Loeffler-Institut (FLI) - Südufer 10 17493 Greifswald - Insel Riems - Germany

First expression in baculovirus of major capsid proteins belonging to two new lagoviruses

Giulia Pezzoni, Lidia Stercoli, Patrizia Cavadini, Antonio Lavazza, Emiliana Brocchi, Lorenzo Capucci

Istituto Zooprofilattico Sperimentale della Lombardia ed Emilia Romagna "Bruno Ubertini" (ZSLER) - Via Bianchi 7/9 25124, Brescia - Italy

In vivo testing of deletion mutants as candidate vaccines for African swine fever in vaccination/challenge models in pigs

Carmina Gallardo, Alejandro Soler, Angel Carrascosa, Elena Sanchez, Raquel Nieto, Alicia Simon, Miguel Sanchez, Carlos Martins, Victor Briones, Yolanda Revilla, Marisa Arias

Centro de Investigación en Sanidad Animal (INIA-CISA) Carretera de Algete el Casar s/n, Valdeolmos, Madrid - Spain

Comparative study of protection in pigs immunised by different routes with attenuated African swine fever virus isolate OUR T88/3 and evaluation of the role of immunomodulatory cytokines.

Pedro Sanchez-Cordon, Dave Chapman, Lynnette Goatley, [Linda Dixon](#)

The Pirbright Institute (TPI) - Ash Road Pirbright Woking Surrey GU24 0NF - United Kingdom

Deoptimization of codon pair usage of the major capsid protein VP72 of African swine fever virus: effect on protein expression in vitro

[Raquel Portugal](#), Axel Karger, Richard Bishop, Günther Keil

Friedrich-Loeffler-Institut (FLI) - Bundesforschungsinstitut für Tiergesundheit Institut für molekulare Virologie und Zellbiologie Südufer 10 17493 Greifswald - Insel Riems - Germany

Efficacy of foot-and-mouth disease vaccines A22 Iraq 64 and A Malaysia 97 against challenge with a recent South East Asian serotype A field strain in cattle and sheep

[Jacquelyn Horsington](#), Nagendrakumar Singanallur, Aldo Dekker, Charles Nfon, Wilna Vosloo

CSIRO Australian Animal Health Laboratory (CSIRO-AAHL) AAHL 5 Portarlington Rd - Australia

Parallel EPIZONE Session 3: Diagnosis

Thursday 3rd September 2015

10:10-12:10

Auditorium Pasteur

Chair: Anette Bøtner & Antonio Lavazza

Applicability of faeces samples for detecting antibodies against African swine fever

[Elvira Nieto Pelegrín](#), Belén Rivera-Arroyo, Antonio Sanz, Jose Manuel Sánchez-Vizcaíno

Animal Health Department. Veterinary Faculty - Universidad Complutense Madrid, Av. Puerta del Hierro, s/n, 28040 Madrid - Spain

VISAVET Health Surveillance Centre - Universidad

Complutense Madrid, Av. Puerta del Hierro, s/n, 28040 Madrid - Spain

Towards serological surveillance in the Belgian BVDV eradication programme: evaluation of commercial ELISA kits for the detection of antibodies against BVDV in serum and milk using a large collection of field samples

[Miet De Baere](#), Jean-Baptiste Hanon, Camille De la Ferté, Sophie Roelandt, Yves Van der Stede, Ann-Brigitte Caij

Unit enzootic and (re)emerging viral diseases; Veterinary and Agrochemical Research Centre (CODA-CERVA) - Groeselenberg 99, B-1180 Brussels - Belgium

Cartridge-based real-time molecular diagnostic assays for the rapid and simple detection of African swine fever and foot-and-mouth disease virus

Katja Goller, [Veronika Dill](#), Paul Martin, Sandra Blome, Martin Beer, Bernd Haas

Friedrich-Loeffler-Institut (FLI) - Südufer 10 17493 Greifswald - Insel Riems - Germany

PCR detectability and stability of Aujeszky's disease virus in porcine oral fluid

[Sara Verpoest](#), Rodolphe Michiels, Ann Brigitte Cay, Nick De Regge

Veterinary and Agrochemical Research Centre (CODA/CERVA) - Groeselenbergstraat 99 1180 Ukkel - Belgium

Approaches to DIVA assays for West-Nile virus

[Belen Rebollo](#), Sylvie Lecollinet, Ana Camuñas, Elena Soria, Antonio J. Sanz, Angel Venteo

Inmunología y Genética Aplicada (INGENASA) - hermanos garcia noblejas nº 41 2ª planta - Spain

Optimized antigen expression and presentation for diagnostic purposes – a new potential for Equine Herpesvirus 1 as a vector

[Susanne Koethe](#), Walid Azab, Nicole Bürger,

Patricia König, Benedikt Kaufer, Nikolaus Osterrieder, Claudia Engemann, Martin Beer

Friedrich-Loeffler-Institut, Institute of Diagnostic Virology (FLI) - Südufer 10, 17493 Greifswald-Insel Riems - Germany

Tracking of African swine fever outbreaks through variation of intergenic I73R/I329L region.

Ilya Titov, Alexander Malogolovkin, Galina Burmakina, Irina Syndryakova, Sergey Katorkin, Ksenya Mima, Dmitriy Kudryashov, Andrey Gogin, Denis Kolbasov

National Research Institute of Veterinary Virology and Microbiology RAAS (NRIVVaM) - 601125, Vladimir Region, Petushki district, Volginskiy, Akademica Bakulova street, building 1 - Russia

Serology and molecular diagnostics of epizootic hemorrhagic disease virus (EHDV)

Stephane Daly, Sandrine Moine, Flavia Tisserant, Alex Raeber

Thermo Fisher Scientific - Thermo Fisher Scientific - Lissieu - France

Parallel EPIZONE Session 4: Epidemiology, surveillance & risk assessment 2

Thursday 3rd September 2015

10:10-12:10

Room Barthez

Chair: Beatriz Martínez-López & Claude Saegerman

MINTRISK, a Method for INTe grated RISK assessment of vector-borne livestock infections

Aline De Koeijer, Wil Hennen, Sofie Dhollander, Clazien De Vos

Central Veterinary Institute, part of Wageningen UR (CVI) - Houtribweg 39 - Netherlands

Assessment of African swine fever diagnostic techniques as a response to the epidemic outbreaks in eastern European Union countries: how to improve surveillance and control programmes

Carmina Gallardo, Jovita Fernández-Pinero, Raquel Nieto, Alejandro Soler, Virginia Pelayo, Iwona Markowska-Daniel, Gediminas Pridotkas, Imbi Nurmoja, Rita Granta, Alicia Simon, Covadonga Perez, Elena Martin, Paloma Fernandez-Pacheco, Marisa Arias

Centro de Investigación en Sanidad Animal (INIA-CISA) - Carretera de Algete el Casar s/n, Valdeolmos, Madrid - Spain

Prevalence of some potentially zoonotic pathogens in the Dutch equine population

Kees van Maanen, Martine Bloemer, Joke van der Giessen, Inge Santman-Berends, Miriam Koene

Animal Health Service in the Netherlands (GD) - Arnsberstraat 7 7418EZ Deventer - Netherlands

Spatio-temporal network analysis of pig movements in Great Britain: implications for disease transmission and control strategies

Claire Guinat, Anne Relun, Aaron Morris, Linda Dixon, Dirk Udo Pfeiffer

The Royal Veterinary College / The Pirbright Institute - United Kingdom

Risk of transmission of *Coxiella burnetii* during the caprine in-vitro produced embryo transfer

Jean-Louis Pellerin, Ashraf Alsaleh, Annie Rodolakis, Elodie Rousset, Laurence Dubreil, Jean-François Bruyas et Francis Fieni.

Ecole Nationale Vétérinaire, Agroalimentaire et de l'alimentation Nantes-Atlantique (Oniris) - Ministère de l'alimentation de l'agriculture et de la pêche - BP 40706 44307 Nantes Cedex 03 - France

First Isolation of Canine Parvovirus in Morocco

Nadia Amrani, Khalil Zro, Chafiq Loutfi, Jamal Malik, Jaouad Berrada, Ahlam Kadiri

Institut Agronomique et Vétérinaire Hassan II (IAV)

Hassan II) - Hassan II Agronomic & Veterinary Institute, PO box 6202 Rabat - Morocco

African Swine Fever in Sardinia: evidence of several persistent clusters of infection during the re-epidemic wave 2012-2014

Francesco Feliziani, Sandro Rolesu, Andrea Felici, Stefano Cappai, Carmen Iscaro, Carmen Maresca

Istituto Zooprofilattico Sperimentale Umbria e Marche (IZSUM) - via Salvemini 1, Perugia - Italy

Modelling economic impacts of an epidemic spread of West Nile virus in Belgium

Marie-France Humblet, Sébastien Vandeputte, Fabienne Fecher-Bourgeois, Philippe Léonard, Christiane Gosset, Thomas Balenghien, Benoît Durand, Claude Saegerman

University of Liege, Liege, Belgium

Parallel EPIZONE Special session 1: Host / Virus Interactions & Viral Immunity 2

Wednesday 2nd September 2015
15:00-16:30

Room Barthez

Chair: Alejandro Brun & Stephan Zientara

Cowpox virus: virulence studies in different animal species

Annika Franke, Donata Hoffmann, Rainer G. Ulrich, Maria Jenckel, Bernd Hoffmann, Martin Beer

Friedrich-Loeffler-Institut (FLI) - Südufer 10 17493 Greifswald - Insel Riems - Germany

Equine monocytic cells as a 'Trojan horse' for equine herpesvirus type 1 (EHV-1) dissemination within the host

Kathlyn Laval, Herman Favoreel, Katrien Poelaert, Jolien Van Cleemput, Hans Nauwynck

Department of Virology, Parasitology and Immunology, Faculty of Veterinary Medicine, Ghent University - Salisburylaan 133, B-9820 Merelbeke - Belgium

Systemic spread of wild boar hepatitis E virus in pigs

Damien Thiry, Nicolas Rose, Axel Mauroy, Frédéric Paboeuf, Stefan Roels, Nicole Pavio, Etienne Thiry

University of Liège, Faculty of Veterinary Medicine, Department of Infectious and Parasitic Diseases, Center for Fundamental and applied Research for Animals and Health, Veterinary Virology and Animal Viral Diseases, B-4000 Liège, Belgium.

A cell culture-adapted Classical swine fever virus phenotype does not require the 476Arg Erns mutation

Carolin Dräger, Sandra Blome, Martin Beer, Ilona Reimann, Thomas Rasmussen

Friedrich-Loeffler-Institut (FLI) - Südufer 10 17493 Greifswald - Insel Riems - Germany

Next-generation sequencing fails to identify viral miRNAs encoded by PCV2 in subclinically infected pigs

Fernando Núñez, Lester Pérez, Gonzalo Vera, Sarai Córdoba, Joaquim Segalés, Armand Sánchez, José Núñez

Centre de Recerca en Sanitat Animal (CRESA) - Campus de la Universitat Autònoma de Barcelona UAB-IRTA, Bellaterra, Catalonia - Spain

Studying CSFV specific immune response using dendrimeric peptides

José Bohórquez, Sara Muñoz-Gonzalez, Sira Defaus, Beatriz De la Torre, Marta Perez-Simó, Rosa Rosell, Mariano Domingo, David Andreu, Lorenzo Fraile, Lillianne Ganges

Centre de Recerca en Sanitat Animal (CRESA), Institut de Recerca i Tecnologia Agroalimentàries (IRTA), Campus de la UAB, Bellaterra, Barcelona, Spain (CRESA-IRTA) - Edifici CRESA, Campus de la UAB, Bellaterra, Barcelona - Spain

Parallel EPIZONE Special session 2: Focus On PED & SBV

Thursday 3rd September 2015
10:10-12:10

Room Rondelet

Chair: Bernd Hoffman & Christopher Oura

Study of the nuclear targeting of the NSs protein of Schmallenberg virus

Julie Gouzil, Aurore Fablet, Grégory Caignard, Cindy Kundlacz, Pierre-Olivier Vidalain, Frédéric Tangy, Stéphan Zientara, Damien Vitour

Laboratoire de santé animale de Maisons-Alfort - UMR 1161 de Virologie - Anses, Institut national de la recherche agronomique (INRA), Ecole Nationale Vétérinaire d'Alfort - Maisons-Alfort - France

Schmallenberg virus incursion into Great Britain: identification of mutations and a large deletion in the M segment of British field samples

Sarah McGowan, Anna La Rocca, Sylvia Grierson, Falko Steinbach, Bhudipa Choudhury

Animal and Plant Health Agency (APHA) - Animal & Plant Health Agency, Weybridge, New Haw, Surrey, KT15 3NB - United Kingdom

Reoccurrence of Schmallenberg virus 2014/2015 in Germany

Kerstin Wernike, Bernd Hoffmann, Franz Conraths, Martin Beer

Friedrich-Loeffler-Institut (FLI) - Südufer 10 17493 Greifswald - Insel Riems - Germany

Is flock renewal a risk for novel Schmallenberg virus episode in sheep flocks?

Francois Claine, Damien Coupeau, Laetitia Wiggers, Benoît Muylkens, Nathalie Kirschvink

University of Namur - Rue de Bruxelles 61, 5000, Namur - Belgium

Evolution of Schmallenberg virus seropositivity over years among sheep naturally infected at different ages

Francois Claine, Damien Coupeau, Laetitia Wiggers, Benoît Muylkens, Nathalie Kirschvink

University of Namur - Rue de Bruxelles 61, 5000, Namur - Belgium

Re-emergence of Porcine epidemic diarrhea virus in Germany

Dennis Hanke, Anne Pohlmann, Dirk Höper, Carola Sauter-Louis, Mathias Ritzmann, Julia Stadler, Valeriy Akimkin, Bernd Schwarz, Martin Beer, Günter Strebelow, Sandra Blome

Friedrich-Loeffler-Institut (FLI) - Südufer 10 17493 Greifswald - Insel Riems - Germany

Description of the first case of porcine epidemic diarrhea in France in December 2014 and the duration of viral shedding in the herd

Beatrice Grasland, Cécilia Bernard, Lionel Bigault, Aurélie Leroux, Hélène Quenault, Olivier Toulouse, Christelle Fablet, Nicolas Rose, Fabrice Touzain, Yannick Blanchard

Laboratoire de Ploufragan - Plouzané - Anses - BP 53 - 22440 Ploufragan et BP 70 - 29280 Plouzané - France

Genetic characterization of porcine epidemic diarrhea virus strains isolated from novel outbreaks in the European Union, Belgium.

Isaura Christiaens, Nádia Conceição-Neto, Sebastiaan Theuns, Mark Zeller, Lowiese Desmaretts, Inge Roukaerts, Elisabeth Heylen, Jelle Matthijnsens, Hans Nauwynck

Ghent University, Faculty of Veterinary Medicine, Department of Virology, Parasitology and Immunology, Laboratory of Virology - Ghent - Belgium

Parallel EPIZONE Coordinating Forum Meeting

Wednesday 2nd September 2015
17:00-18:00

Room Joffre 5

Parallel EPIGENESIS Session: Animal Health In The Caribbean

Wednesday 2nd September 2015

15:00-16:30 17:00-1800

Room Rondelet

Chair: Cedric Lazarus & Nathalie Vachieri

Research and surveillance on Animal Health in the Caribbean

Cedric Lazarus

Livestock Development Officer FAO, Sub-Regional Office for the Caribbean - Barbados

Orbiviruses in the Caribbean - should we worry about them?

Christopher Oura, Tamiko Brown-Joseph, Lorraine Frost, Carrie Batten

Department of Basic Veterinary Sciences, School of Veterinary Medicine, Faculty of Medical Sciences, University of the West Indies - St. Augustine Campus, EWMSC, Mt. Hope, Trinidad and Tobago

Molecular epidemiology of two important viral diseases of pigs in Cuba: classical swine fever and swine influenza

Lester Perez

Centro Nacional de Sanidad Agropecuaria (CENSA) La Habana - Cuba

Situation of the Porcine encephalomyelitis with teschovirus in the Republic of Haiti

Max F. Millien

MARNDR - Route Nationale No 1, Damien, Port-au-Prince, Haïti

Rabies in the Caribbean

Janine F.R. Seetahal, Jennifer Pradel, Christine V.F. Carrington, Bowen Louison, Rohini Roopnarine, Astrid Van Sauers, Colin James, Max F. Millien, Charles E. Rupprecht, Alexandra Vokaty

Faculty of Medical Sciences, The University of the West Indies, St. Augustine, Trinidad and Tobago

West-Nile in the Caribbean

Nonito Pages, Nathalie Vachieri, Thierry Lefrançois, Ken Giraud-Girard, Emmanuel Albina, Jennifer Pradel

Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD) - Site de Duclos, 97117 Petit-Bourg - Guadeloupe

Avian influenza in Belize

Victor Gongora, Miguel DePaz, Orlando Habet

Epidemiology Working Group of CaribVET

Belize Poultry Association, Belize

Avian diseases in Cuba and the Caribbean

María T. Frias Lepoureau, Ana M. Acevedo Beiras, Abdulahi Alfonso Morales, Damaris Relova Vento, A. Vega Redondo, E. Ferrer Mitanda, P. Alfonso Zamora, Heidy Díaz de Arce Landa, L. J. Pérez Rodríguez, L. Perera González

Centro Nacional de Sanidad Agropecuaria (CENSA) La Habana - Cuba

Identification of viruses causing respiratory disease of poultry flocks in Trinidad and Tobago

Ariane Brown Jordan, Lemar Blake, Judy Bisnath, Zul Mohammed, Chad Ramgattie, Jamie Sookhoo, Gabriel Brown, Christine Carrington, Christopher Oura

University of the West Indies, Faculty of Medical Sciences, School of Veterinary Medicine - St. Augustine Campus, EWMSC, Mt. Hope - Trinidad and Tobago

POSTERS SELECTED FOR SHORT ORAL PRESENTATIONS

Parallel ESVV Poster Presentation Session 1

Tuesday 1st September 2015
17:00-18:30

Auditorium Pasteur

Chair: Stephan Zientara & Renata Servan de Almeida

The characterization of avian influenza viruses isolated from wild birds in Vietnam from 2010 to 2014

Hiroki Takakuwa, Toshiyo Yabuta, yoshiki Kinoshita, takafumi amemori, Kosuke Soda, Tatsufumi Usui, Kozue Hotta, Le Mai, Tetsu Yamashiro, Hiroichi Ozaki, Hiroshi Ito, Tsuyoshi Yamaguchi, Toshiyuki Murase, Toshihiro Ito, Etsuro Ono, Koichi Otsuki

Avian Influenza Research Centre, Kyoto Sangyo University - Kyoto 603-8555 - Japan

The effect of Streptococcus suis co-infection on the infection of well-differentiated porcine respiratory epithelial cells by swine influenza viruses

Meng Fandan, Nai-Huei Wu, Maren Seitz, Peter Valentin-Weigand, Xiaofeng Ren, Georg Herrler

Institute of Virology, University of Veterinary Medicine, Hannover, Germany

Investigation of a possible link between vaccination and the 2010 Sheep pox epizootic in Morocco

Andy Haegeman, Khalil Zro, Frank vandenbussche, Donal Sammin, MM Ennaji, Kris De Clercq, Annebel De Vleeschauwer

Het Centrum voor Onderzoek in Diergeneeskunde en Agrochemie (CODA - CERVA) Groeselenberg 99 1180 Brussel - Belgium

Prevalence of antibodies to selected viral pathogens in wild boars (*Sus scrofa*) in Serbia

Tamas Petrovic, Diana Lupulovic, Gospava Lazic, Jasna Prodanov Radulovic, Vladimir Polacek, Radoslav Dosen, Sava Lazic

Scientific Veterinary Institute "Novi Sad", Novi Sad, Serbia

Is *Ornithodoros erraticus* able to transmit the Georgia2007/1 African Swine Fever virus isolate to domestic pigs?

Jennifer Bernard, Laurence Vial, Evelyne Hutet, Frédéric Paboeuf, Vincent Michaud, Fernando Boinas, Marie-Frédérique Le Potier

Laboratoire de Ploufragan - Plouzané (ANSES) - Anses BP 53 - 22440 Ploufragan - France

A multidisciplinary approach to combat wildlife diseases: Vaccination with hematophagous arthropods as "living syringes"/

Anne Darries, Yi Li

Bio Espace, Laboratoire d'Entomologie Mas des 4 Pilas - Rte de Bel Air 34570 Murviel les Montpellier - France

BLV experimental infection in buffalo species (*Bubalus bubalis*): preliminary data

Francesco Feliziani, Alessandra Martucciello, Carmen Iscaro, Domenico Vecchio, Stefano Petrini, Ester De Carlo

Istituto Zooprofilattico Sperimentale Umbria e Marche (IZSUM) - via Salvemini 1, Perugia - Italy

Coronavirus diversity and ecology in South African bat populations

Nadine Sampson, Ndapewa Ithete, Corrie Schoeman, Leigh Richards, Samantha Stoffberg, Wolfgang Preiser

Division of Medical Virology, Stellenbosch University & NHLS Tygerberg Cape Town - South Africa

Ecology of small mammal-borne viruses with zoonotic potential in South Africa

Ndapewa Ithete, Nadine Sampson, Corrie Schoeman, Leigh Richards, Samantha Stoffberg, Sonja Matthee, Peter Witkowski, Boris Klempa, Detlev Krüger, Wolfgang Preiser

Division of Medical Virology, Stellenbosch University & NHLS Tygerberg Cape Town - South Africa

Orbivirus screening on dried blood spots from captive oryx in United Arab Emirates stresses the importance of pre-import measures

Ludovic Martinelle, Andy Haegeman, Louis Lignereux, Anne-Lise Chaber, Fabiana Dal Pozzo, Ilse De Leeuw, Kris De Clercq, Claude Saegerman

University of Liege, Fundamental and Applied Research for Animals & Health (ULg - FARA) - ULg - FMV Epidémiologie B42 Quartier Vallée 2 Avenue de Cureghem 7A 4000 LIEGE - Belgium

Near-universal contamination of commercial equine serum pools with hepaci- and pegiviruses

Alexander Postel, Jessika Cavalleri, Stephanie Pfaender, Walter Stephanie, Eike Steinmann, Karsten Feige, Ludwig Haas, Paul Becher

Institute for Virology, University of Veterinary Medicine Hannover, Germany

Introduction of the three-tiered diagnostic system in Equine Infectious Anaemia surveillance in Croatia

Vladimir Stevanovic, Ljubo Barbic, Snjezana Kovac, Matko Perharic, Vilim Staresina

Department for Microbiology and Infectious Diseases with Clinic, Faculty of Veterinary Medicine, University of Zagreb (VEF) - Heinzelova 55 10000 Zagreb - Croatia

Luminex technology for group and serotype specific Bluetongue antibodies detection

Emmanuel Bréard, Annabelle Garnier, Sandra Blaise-Boisseau, Philippe Despres, Stéphan Zientara, Philippe Pourquier, Corinne Sailleau, Damien Vitour, Cyril Viarouge

ANSES/INRA/ENVA-UMR Virologie 1161 - Anses - 23 Avenue du Général de Gaulle, 94700 Maisons Alfort - France

Large-Scale Nucleotide Sequence Alignment for Universal Screening PCR Assay Design

Alexander Nagy, Tomáš Jirinec, Lenka Cerníková, Helena Jirincová, Martina Havlíčková

State Veterinary Institute in Prague (SVI Prague)- Sídlíštní 136/24, 165 03 Prague 6 - Czech Republic

Parallel ESVV Poster Presentation Session 2

Tuesday 1st September 2015

17:00-18:30

Room Barthez

Chair: Anette Bøtner & Geneviève Libeau

Emerging pestiviruses and impact on animal production

Nicola Decaro, Leonardo Occhiogrosso, Viviana Mari, Maria Stella Lucente, Gabriella Elia, Eleonora Lorusso, Michele Losurdo, Vittorio Larocca, Canio Buonavoglia

University of Bari (UNIBA) - Piazza Umberto I - 70121 Bari - Italy

Emergence of a virulent BVDV type 2C strain in the Netherlands

Jet Mars, Kees van Maanen, Linda van Duijn

Animal Health Service in the Netherlands (GD) - Arnsberstraat 7 7418EZ Deventer - Netherlands

Commercial vaccines may not protect against local strains of bovine viral diarrhea virus

Kadir Yesilbag, Gizem Alpay

Department of Virology Uludag University Faculty of Veterinary Medicine (UVV) - Gorukle campus, Bursa - Turkey

Experimental infection of bluetongue virus serotype 4 MOR2009/09 strain in IFNAR (-/-) mice

Alejandro Marin-Lopez, Roberto Bermudez, Eva Calvo-Pinilla, [Alejandro Brun](#), Javier Ortego

Centro de Investigación en Sanidad Animal (INIA-CISA) Carretera de Algete el Casar s/n, Valdeolmos, Madrid - Spain

Bluetongue and epizootic haemorrhagic disease viruses in Reunion Island

[Catherine Cêtre-Sossah](#), Aurélie Pedarrieu, Lorène Rieau, Corinne Sailleau, Emmanuel Breard, Cyril Viarouge, Stéphan Zientara, Olivier Esnault, Eric Cardinale

CIRAD, UMR CMAEE, F97491 Sainte Clotilde, La Réunion - France

INRA, UMR1309 CMAEE - F-34398 Montpellier - France

First detection of porcine epidemic diarrhea virus in Slovenia, 2015

[Ivan Toplak](#), Marina Štukelj, Danijela Rihtaric, Peter Hostnik, Joze Grom

University of Ljubljana, Veterinary Faculty - Slovenia

Identification and genetic characterization of Aichivirus (porcine kobuvirus) in pig farms in Slovakia

[Stefan Vilcek](#), Ivan Sliz, Michaela Vlasakova, Rene Mandelik, Anna Jackova

University of Veterinary Medicine and Pharmacy (UVMPH) - Komensky 73, Kosice - Slovakia

Rotavirus A and C infections in Belgian Diarrheic suckling pigs

[Sebastiaan Theuns](#), Philip Vyt, Lowiese Desmarests, Inge Roukaerts, Elisabeth Heylen, Mark Zeller, Marc Van Ranst, Jelle Matthijssens, Hans Nauwynck

Laboratory of Virology, Faculty of Veterinary Medicine, Ghent University - Salisburylaan 133, B-9820 - Belgium

Novel astroviruses in the gastrointestinal complex of Suidae - Characterisation of the pathobiome by metagenomics

[Oskar Karlsson](#), Maja Malmberg, Ádám Bálint, János Benyeda, Sándor Belák, Fredrik Granberg

Department of Biomedical Sciences and Veterinary Public Health / Swedish University of Agricultural Sciences (BVF, SLU) - SLU Global Bioinformatics Center, Department of Animal Breeding and Genetics (HGEN), SLU, Uppsala, Sweden (SGBC)

OIE Collaborating Centre for the Biotechnology-based Diagnosis of Infectious Diseases in Veterinary Medicine, Uppsala, Sweden (OIE CC Uppsala)

New astroviruses detected in wild birds

Ivan Toplak, [Danijela Rihtaric](#), Petra Bandelj, Modest Vengušt, Tomi Trilar

University of Ljubljana, Veterinary Faculty - Slovenia

Update on rabies situation in Serbia

[Diana Lupulovic](#), Jelena Maksimovic Zoric, Nikola Vaskovic, Budimir Plavsic, Tamas Petrovic, Zivoslav Grgic, Sava Lazic

Scientific Veterinary Institute "Novi Sad" (NIV NS) - Rumenski put 20, 21000 Novi Sad - Serbia

Characterisation in France of non-pathogenic lagoviruses closely related to the Australian Rabbit calicivirus RCV-A1: confirmation of the European origin of RCV-A1

[Ghislaine Le Gall-Reculé](#), Evelyne Lemaitre, François-Xavier Briand, Stéphane Marchandau

Laboratoire de Ploufragan - Plouzané - Anses - BP 53 - 22440 Ploufragan et BP 70 - 29280 Plouzané - France

Serological and entomological studies on Schmallenberg virus in Poland, 2013-2014

[Julia Kesik-Maliszewska](#), Magdalena Larska, Jan Zmudzinski

Department of Virology, National Veterinary Research Institute, Pulawy, Poland (PIWET) - Aleja Partyzantów 57 24-100 Pulawy - Poland

Detection of neuropathogenic variant of equine herpesvirus 1 associated with abortions in mares in Poland

Jerzy Rola, Karol Stasiak, Wojciech Socha, Jan Zmudzinski

National Veterinary Research Institute (NVRI) Al. Partyzantow 57 24-100 Pulawy - Poland

Parallel ESVV Poster Presentation Session 3

Tuesday 1st September 2015
17:00-18:30

Room Rondelet

Chair: Carmina Gallardo & Serafin Gutierrez

Infectivity of CBPV major RNAs

Ibrahim Youssef, Frank Schurr, Magali Ribiere-Chabert, Richard Thiery, Eric Dubois

Laboratoire de Sophia Antipolis - Anses - Les Templiers 105, route des Chappes BP 111 06902 Sophia-Antipolis - France

Rare recombination events and occurrence of superinfection exclusion during synchronous and asynchronous infection with homologous murine norovirus strains

Elisabetta Di Felice, Louisa Ludwig, Barbara Toffoli, Chiara Ceci, William Zonta, Barbara Di Martino, Fulvio Marsilio, Etienne Thiry, Axel Mauroy

Fundamental and Applied Research in Animal Health Center and Faculty of Veterinary Medicine, University of Liège, Belgium

Feline Immunodeficiency Virus (FIV) in free ranging Leopards (*Panthera pardus*), from the Kruger National Park, South Africa

Tanya Kerr, Susan Engelbrecht, Conrad Matthee, Danny Govender, Sonja Matthee

Department of Conservation Ecology and Entomology, Faculty of AgriScience, Stellenbosch University, South Africa

Intra-host phylodynamic analysis of canine distemper virus

Yanina Panzera

Facultad de Ciencias (FC-UdelaR) - Iguá 4225 - Uruguay

Molecular phylogeography of canine distemper virus

Yanina Panzera

Facultad de Ciencias (FC-UdelaR) - Iguá 4225 - Uruguay

Genome evolution of canine parvovirus in South America

Ruben Pérez

Facultad de Ciencias (FC-UdelaR) - Iguá 4225 - Uruguay

Molecular characterization of Rift Valley fever virus isolates from Mozambique and phylogenetic comparison with selected other isolates

Benjamin Mubemba, Peter Thompson, Peter Coetzee, Estelle Venter, Jose Fafetine

Department of Veterinary Tropical Diseases, Faculty of Veterinary Science, University of Pretoria, Onderstepoort, Pretoria, South Africa

Experimental infection of domestic pigeons (*Columba livia* L.) with lineage 2 West Nile virus

Petra Forgách, Károly Erdélyi, Bernadett Pályi, Norbert Nowotny, Tamás Bakonyi

Szent István University, Faculty of Veterinary Science, Department of Microbiology and Infectious Diseases (SzIE) - Hungária krt. 23-25.H-1143 Budapest - Hungary

Long range RNA-RNA interactions within the genome of classical swine fever virus; influence on viral RNA replication

Johanne Hadsbjerg, Thomas Bruun Rasmussen, Graham J. Belsham

Danmarks Tekniske Universitet - DTU - Denmark

Expression and serological reactivity of Hemorrhagic enteritis virus hexon protein

Dana Lobova

Veterinary and Pharmaceutical University, CEITEC Palackeho 1/3 Brno - Czech Republic

Genetic diversity and pathological findings of Small Ruminant Lentiviruses Virus in sheep and goats in the European bordering region (Marmara) of Turkey

Eda Altan, Gulay Yuzbasioglu Ozturk, Utku Cizmecigil, Ozge Erdogan Bamac, Aydin Gurel, Nuri Turan, Huseyin Yilmaz

Istanbul University Veterinary Faculty Department of Virology Avclar/Istanbul - Turkey

Immunization of Day-Old Chickens with Recombinant Viruses Expressing Chicken Parvovirus VP2 Protein

Laszlo Zsak, Stephen Spatz, Qingzhong Yu

Southeast Poultry Research Laboratory, Agricultural Research Service, United States Department of Agriculture (USDA-ARS-SEPRL) - 934 College Station Road, Athens, GA 30605 USA - United States

Replication characteristics of respiratory and nephropathogenic infectious bronchitis virus (IBV) strains M41 and B1648 in respiratory mucosa and monocytes

Vishwanatha Reddy, Ivan Trus, Hans Nauwynck

Ghent University, Faculty of Veterinary Medicine, Department of Virology, Parasitology and Immunology, Laboratory of Virology, Salisburyaan 133, B-9820 Merelbeke, Belgium - Belgium

Dissecting respiratory viral co-infections in poultry using a nanofluidic PCR screening assay

Guillaume Croville, Alexis Senet, Charlotte Foret, Mariette Ducatez, Faouzi Kichou, Mohammed Mouahid, Jean-Luc Guérin

UMR IHAP, ENVT and INRA (IHAP), Toulouse - France

Parallel EPIZONE Poster Presentation Session 1

Wednesday 2nd September 2015

17:00-18:00

Auditorium Pasteur

Chair: Claude Saegerman & Geneviève Libeau

The detection of West Nile virus in veterinary surveillance: how to overcome the flavivirus similarity and control the absence of inhibition in RNA extracted

Paolo Bonilauri, Deborah Torri, Francesco Defilippo, Mattia Calzolari, Andrea Luppi, Michele Dottori

Istituto Zooprofilattico Sperimentale Lombardia e Emilia-Romagna (IZSLER) - Via Pitagora 2, 42100 Reggio Emilia - Italy

Mosquito species involved in West Nile and Usutu viruses transmission in Italy between 2008 and 2014

Giuseppe Mancini, Mattia Calzolari, Gioia Capelli, Davide Lelli, Fabrizio Montarsi, Mario Chiari, Adriana Santilli, Michela Quaglia, Valentina Federici, Monica Catalani, Federica Monaco, Maria Goffredo, Giovanni Savini

Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale" - Via Campo Boario 64100 Teramo - Italy

Vector Competence of European Culex pipiens (Diptera: Culicidae) mosquitoes for Rift Valley fever Virus

Marco Brustolin, Sandra Talavera, Raquel Rivas, Núria Pujol, Marta Valle, Alejandro Brun, Nonito Pagès, Núria Busquets

Centre de Recerca en Sanitat Animal (CRESA) - Campus de la Universitat Autònoma de Barcelona UAB-IRTA, Bellaterra, Catalonia - Spain

What is metadata and why is such a good idea?

Matteo Mazzucato, Matteo Trolese, Nicola Ferre, Paolo Mulatti, Monica Lorenzetto, Dona Trimarchi, Grazia Manca, Stefano Marangon

Istituto Zooprofilattico Sperimentale delle Venezie (IZSve) - Viale dell'Università 10 35020 Legnaro (Padova) - Italy

ANIHWA project "TRANSCRIPTOVAC": Host response gene signatures associated with FMDV infection, vaccination and persistence

Martin Beer, Kris De Clercq, David Lefebvre, Annel De Vleeschauwer, Isabelle Schwartz-Cornil, Jean-François Valarcher, Sara Hägglund, Bernd Haas, Pascal Hudelet, Jenifer Richardson, Bernard Klonjowski, Sandra Blaise-Boisseau, Labib Bakkali-Kassimi, Stéphan Zientara

Université Paris-Est, Anses, Laboratoire de Santé Animale, UMR1161 Virologie (Anses, Inra, Enva) - 14 Rue Pierre et Marie Curie, 94700 Maisons-Alfort - France

An unexpectedly major BTV4 epidemic in Greece, 2014

Konstantia Tasioudi, Peristera Iliadou, Dimitrios Dilaveris, Spiridon Doudounakis, Eleni Chondrokouki, Olga Mangana-Vougiouka

Virology Laboratory, Department of Molecular Diagnostics, FMD, Virological, Rickettsial and Exotic Diseases, Ministry of Production of Reconstruction, Environment and Energy, Athens, Greece - 25, Neapoleos str, Aghia Paraskevi, Athens - Greece

Baculovirus mediated generation of rabbit haemorrhagic disease virus variant 2 VLPs in SF9 insect cells and RK13 rabbit cells from codon modified VP60b open reading frames

Günther Keil, Claudia Müller, Horst Schirrmeier

Friedrich-Loeffler-Institut (FLI) - Südufer10, 17493 Greifswald-Insel Riems - Germany

The prevalence of ten pathogens detected by real-time PCR method in lung tissue samples collected from dead cattle after respiratory disease

Ivan Toplak, Peter Hostnik, Milan Pogačnik, Tomislav Paller

University of Ljubljana, Veterinary Faculty, Slovenia

Malignant catarrhal fever in the Czech Republic: four outbreaks and seroprevalence

Vlastimil Krivda, Alexander Nagy, Lenka Cerníková, Roman Vodicka, Jirí Váhala, Ivan Nágl, Kamil Sedlák

State Veterinary Institute in Prague (SVI Prague) - Sídlištní 136/24, 165 03 Prague 6 - Czech Republic

Survey of pestiviruses in ovine abortions by different detection methods

Maria Guelbenzu-Gonzalo, Joe Clarke, Lynsey Cooper, Craig Brown

Agri-Food and Biosciences Institute (AFBI) - Veterinary Sciences Division Stoney Road, Stormont Belfast BT4 3SD - United Kingdom

Suvaxyn® CSF Marker, the first live marker vaccine against Classical Swine Fever Disease authorized at European level

Sandra Juanola, Alicia Urniza, Ase Uttenthal, Marie-Frédérique Le Potier, Gábor Kulcsár, Willie Loeffen, Gian Mario De Mia, Martin Hofmann, Sophie Rossi, Rong Gao, Sándor Belák, Volker Moennig, Jose-Manuel Sanchez-Vizcaíno, Thulke Hans-Hermann, Paolo Calistri, Niels Delater, Frank Koenen, Martin Beer

Zoetis Manufacturing & Research Spain, S.L. (Zoetis) - Carretera Camprodon, s/n - Finca 'La Riba' - 17813 Vall de Bianya (Girona) - Spain

Parallel EPIZONE Poster Presentation Session 2

Wednesday 2nd September 2015

17:00-18:00

Room Sully 3

Chair: Jean-François Valarcher & Karl Stahl

Molecular typing of Bluetongue Viruses using nCounter Analysis System platform

Alfreda Tonelli, Stefano Gottardi, Cesare Cammà, Alessio Lorusso, Giovanni Savini

Istituto Zooprofilattico Sperimentale Abruzzo e Molise (IZSAM) - Italy

Detection of a divergent Alpha Coronavirus in bats in Piedmont (Italy)

Francesca Rizzo, Luigi Bertolotti, Serena Robetto, Carla Lo Vecchio, Cristina Guidetti, Simona Zoppi, Alessandro Dondo, Sergio Rosati, Paola Culasso, Mara Calvini, Roberto Toffoli, Riccardo Orusa, Maria Lucia Mandola

Istituto zooprofilattico del Piemonte, Liguria e Valle d'Aosta (IZS PLV) - Via Bologna, 148 10154 - Torino - Italy

Experimental infection of domestic pigs with African swine fever virus Lithuania 2014 Genotype II field isolate

Carmina Gallardo, Alejandro Soler, Raquel Nieto, Cristina Cano, Virginia Pelayo, Miguel Sanchez, Gediminas Pridotkas, Jovita Fernández-Pinero, Victor Briones, Marisa Arias

Centro de Investigación en Sanidad Animal (INIA-CISA) Carretera de Algete el Casar s/n, Valdeolmos, Madrid - Spain

The complex serological monitoring of an ongoing Small Ruminant Lentiviruses eradication campaign in Italy

Maria Serena Beato

Istituto Zooprofilattico Sperimentale delle Venezie (IZSVE) - Viale dell'Università 10 35020 Legnaro (Padova) - Italy

Diagnosis of respiratory outbreak in swine caused by a H1N1 pandemic virus

Maria Serena Beato

Istituto Zooprofilattico Sperimentale delle Venezie (IZSVE) - Viale dell'Università 10 35020 Legnaro (Padova) - Italy

H9N2 Avian Influenza virus serological study among poultry workers in Iran

Alireza Heidari

OIE/FAO and National reference laboratory for Avian Influenza and Newcastle Disease - Padova - Italy

Department of Comparative Biomedicine and Food Science, University of Padua - Legnaro Padova - Italy

H5N8 highly pathogenic avian influenza in Italy: control measures applied to live decoy birds

Tiziano Dorotea, Paolo Mulatti, Laura Amato, Calogero Terregino, Laura Bortolotti, Pietro Di Bianca, Claudia Cesarotto, Stefano Marangon, Lebana Bonfanti

Istituto Zooprofilattico Sperimentale delle Venezie (IZSVE) - Viale dell'Università 10 35020 Legnaro (Padova) - Italy

Modelling the transmission tree of the highly pathogenic avian influenza H5N1 epidemic in Israel, 2015

Timothee Vergne, Guillaume Fournié, Michal Perry Markovitch, Ram Katz, Avishai Lublin, Shimon Perk, Dirk Pfeiffer

Royal Veterinary College (RVC), London, United Kingdom

Reassortant Swine Influenza A detected in a Detection of a divergent Alpha Coronavirus in bats in Piedmont (Italy)

Francesca Rizzo, Luigi Bertolotti, Serena Robetto, Carla Lo Vecchio, Cristina Guidetti, Simona Zoppi, Alessandro Dondo, Sergio Rosati, Paola Culasso, Mara Calvini, Roberto Toffoli, Riccardo Orusa, Maria Lucia Mandola

Istituto zooprofilattico del Piemonte, Liguria e Valle d'Aosta (IZS PLV) - Via Bologna, 148 10154 - Torino - Italy

Generation of engineered BTVs with chimeric structural proteins using reverse genetics - study of functional domain

Marc Guimerà Busquets, Gillian Pullinger, Massimo Palmarini, Eva Veronesi, Peter Mertens

Vector-borne Viral Diseases Programme, The Pirbright Institute - Pirbright, Woking, Surrey, UK. GU24 0NF - United Kingdom

A real-time PCR test for the detection and differentiation of porcine epidemic diarrhea virus and porcine deltacoronavirus

Martina Kahila, Christa Goodell, Lori Plourde,

Kathy Velek, Lisa Gow, Valerie Leathers, Michael Angelichio

IDEXX Switzerland AG

Parallel EPIZONE Poster Presentation Session 3

Wednesday 2nd September 2015

17:00-18:00

Room Barthez

Chair: Jean-Luc Guérin & Catherine Cêtre-Sossah

Development of a duplex real-time qRT-PCR method for detection of flaviviruses belonging to Japanese encephalitis and Ntaya serogroups

Maia Elizalde, Francisco Llorente, Elisa Perez-Ramirez, Ana Robles, Amalia Villalba, M^a Carmen Barbero, Miguel Ángel Jiménez-Clavero, [Jovita Fernandez-Pinero](#)

Centro de Investigación en Sanidad Animal (INIA-CISA) - Carretera de Algete el Casar s/n, Valdeolmos, Madrid - Spain

Validation of the ID SCREEN[®] FMD NSP competitive ELISA

[Philippe Pourquier](#), Loic Comtet, Fabien Donnet, Mickael Roche

IDVet - 310 rue Louis Pasteur 34790 Grabels - France

Validation of the ID SCREEN[®] African swine fever indirect ELISA

[Philippe Pourquier](#), Loic Comtet, Stéphanie Vérité, Mickael Roche, Fabien Donnet

IDVet - 310 rue Louis Pasteur 34790 Grabels - France

Preliminary validation of the ID SCREEN[®] PEDV indirect ELISA

[Loic Comtet](#), Mickael Roche, Stéphanie Vérité, Fabien Donnet, Muriel Malzac, Philippe Pourquier

IDVet - 310 rue Louis Pasteur 34790 Grabels - France

Development of a multi-check rRT-PCR method for panFMDV detection

Llilium Rios, Carmen Perea, Liani Coronado, Damarys Relova, Ana Álvarez, Llilianne Ganges, Heidy Díaz de Arce, [Lester Pérez](#), José Núñez

Centre de Recerca en Sanitat Animal (CRESA) - Campus de la Universitat Autònoma de Barcelona UAB-IRTA, Bellaterra, Catalonia - Spain

Development and validation of a new ASFV real time PCR

Elodie Coulon, Sandrine Moine, Immanuel Leifer, [Flavia Tisserant](#)

Thermo Fisher Scientific - Lissieu - France

Evaluation of commercial ELISA kits for the detection of BVDV-specific antibodies in serum and milk using well-characterized sample panels

[Miet De Baere](#), Jean-Baptiste Hanon, Camille De la Fertéa, Sophie Roelandt, Yves Van der Stede, Ann-Brigitte Caij

Unit enzootic and (re)emerging viral diseases; Veterinary and Agrochemical Research Centre (CODA-CERVA) - Groeselenberg 99, B-1180 Brussels - Belgium

Interlaboratory comparison of assays for detection of antibodies against Porcine Epidemic Diarrhea virus

[Anette Bøtner](#), Bertel Strandbygaard, Wim van der Poel, Renate Hakze-Van der Honing, Falko Steinbach, Akbar Dastjerdi, Beatrice Grasland, Lionel Bigault, Frederik Widén, Gunnel Svedlund

DTU National Veterinary Institute (DTUVet), Denmark

Evaluation of a newly developed Classical swine fever DIVA ELISA

[Denise Meyer](#), Stefanie Fritsche, Claudia Engemann, Carsten Schroeder, Paul Becher, Alexander Postel

Institute of Virology, Department of Infectious Diseases, University of Veterinary Medicine, Hannover, Germany

Development and evaluation of a multiplex classical RT-PCR for simultaneous detection and typing of FMDV in West Africa

Kamila Gorna, Aude Allemandou, Camille Roublot, Aurore Romey, Anthony Relmy, Stéphan Zientara, [Sandra Blaise-Boisseau](#), Labib Bakkali-Kassimi

Paris-Est University, Anses, Animal Health laboratory, UMR1161 Virologie (Anses, Inra, Enva) - Anses - France

Development of a Luminex assay for the serological diagnosis of Vesicular Stomatitis virus

Anthony Relmy, Aurore Romey, Kamila Gorna, Stéphan Zientara, [Sandra Blaise-Boisseau](#), Labib Bakkali-Kassimi

Paris-Est University, Anses, Animal Health laboratory, UMR1161 Virologie (Anses, Inra, Enva) Anses - France

OTHER POSTERS

Topic: Arboviruses

Bluetongue virus serotype 2 does not cross the placenta of late term pregnant cows

Massimo Spedicato, Irene Carmine, Liana Teodori, Alessandra Leone, Valeria Marini, Maura Piscicella, Ottavio Portanti, Annapia Di Gennaro, Nicola Ferri, Giovanni Savini

OIE Reference Laboratory for Bluetongue, Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise (IZSAM) - Via Campo Boario - 64100 - Teramo - Italy

Circulation of Schmallenberg Virus in Turkey, 2013

Sukru Tonbak, Ahmet Kursat Azkur, Zuleyha Pestil, Emel Biyikli, Hasan Abayli, Ersoy Baydar, Wim van der Poel, Hakan Bulut

Firat University - Department of Virology, Faculty of Veterinary Medicine, Firat University, Elazig - Turkey

Culicoides dewulfi and its possible role as Bluetongue vector in Italy in 2014

Monica Catalani, Maria Goffredo, Adriana Santilli, Michela Quaglia, Valentina Federici, Giuseppe Mancini, Giovanni Savini

Istituto Zooprofilattico Sperimentale dell' Abruzzo e Molise "G. Caporale" - Via Campo Boario 64100 Teramo - Italy

Deciphering the tick pathobiome

Mathilde Gondard, Sara Moutailler, Lorraine Michelet, Sarah Bonnet, Elodie Devillers, Justine Cheval, Charles Hebert, Muriel Vayssier-Taussat, Marc Eloit

UMR Bipar, INRA-ANSES-ENVA - 14 Rue Pierre et Marie Curie, Maisons-Alfort - France

Detection of Schmallenberg Virus RNA in bull semen in Poland

Julia Kesik-Maliszewska, Magdalena Larska

Department of Virology, National Veterinary Research Institute, Pulawy, Poland (PIWET) - Aleja Partyzantów 57 24-100 Pulawy - Poland

Multiple Culicoides species of the Pulicaris complex implicated in Bluetongue virus transmission in Italy, 2012-2014

Michela Quaglia, Maria Goffredo, Adriana Santilli, Valentina Federici, Monica Catalani, Giuseppe Mancini, Giovanni Savini

Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale" Via Campo Boario 64100 Teramo - Italy

Perinatal West Nile Virus Infection in a Foal in Turkey

Sabri Hacıoglu, Hiba Mohamed Ali, Aytekin Akyol, Erkan Yilmaz, Koray Ergunay, Aykut Ozkul

Ankara University, Faculty of Veterinary Medicine, Department of Virology, Ankara - Turkey

Topic: Clinical virology

An experimental study of bovine coronavirus shedding and the potential for transmission

Veslemøy Sunniva Oma, Madeleine Tråvén, Stefan Alenius, Mette Myrmel, Maria Stokstad

Norwegian University of Life Sciences (NMBU) - Norway

Etiological causes of canine infectious tracheo-bronchitis in Swedish dogs

Jonas Johansson Wensman, Maja Malmberg, Anne-Lie Blomström, Sofia Hanås, Elisabeth Bagge, Ulrika Dreimanis, Eriksson Erik, Tomas Jinnerot, Simon Larsson, Anna Lindhe, Cecilia Palmers, Bodil Ström Holst

Swedish University of Agricultural Sciences (SLU) - S-750 07 Uppsala - Sweden

Topic: Diagnosis

Droplet digital PCR (ddPCR) for studying mixed infection of different NDV strain pathotypes.

Lukasz Rabalski, Krzysztof Smietanka, Edyta Swieton, Zenon Minta, Boguslaw Szewczyk

University of Gdansk and Medical University of Gdansk (UG) - Department of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology, University of Gdansk and Medical University of Gdansk, Kladki 24, Gdansk - Poland

Fecal samples for PRRS virus diagnostics

Jitka Frölichová, Dobromila Molinková, Vladimír Celer

University of Veterinary and Pharmaceutical Sciences Brno - Palackého tr. 1/3, 612 42 Brno - Czech Republic

CEITEC, University of Veterinary and Pharmaceutical Sciences Brno - Czech Republic

MediLabSecure: Implementing a network of animal virology, human virology and entomology laboratories for a one health approach of vector-borne viruses in the Mediterranean and Black Sea regions

Elisa Pérez-Ramírez, Miguel Ángel Jiménez-Clavero, Jean-Claude Manuguerra, Camile Escadafal, Vincent Robert, Marie Picard, Maria Grazia Dente, Silvia Declich, Flavia Riccardo, Fanny Cherblanc, Kathleen Victoir

Centro de Investigación en Sanidad Animal (INIA-CISA) Carretera de Algete el Casar s/n, Valdeolmos, Madrid - Spain

Prevalence of Aujeszky's disease virus infection in wild boar in Poland in 2012-2014

Andrzej Lipowski

National Veterinary Research Institute - Pulawy - Poland

Spike and ORF3c genetic analysis of feline coronavirus from cats suffering or not from feline infectious peritonitis

Sophie le Poder, Lise Guidez, lidia duarte, Ivona Laiu, valérie freiche, George Savuta, M. Carp

Carare, Flora Toma, E. Epicorem

UMR 1161 Virology - Ecole Nationale Vétérinaire d'Alfort, Institut national de la recherche agronomique (INRA) Agence nationale de la sécurité et de l'environnement - Maisons-Alfort - France

Surveillance of African Swine Fever virus in domestic pigs in Republic of Korea: 2010-2015

Yoon-Hee Lee, Su-Jeong Yang, Ji-Youn Lee, Hyun-Joo Kim, Jeong-Soo Choi, Jeong-Byoung Chae, Joon-Seok Chae, Hye-Young Jeong, Jee-Yong Park, Yong-Joo Kim, In-Soo Cho, Byoung-Han Kim

Animal and Plant Quarantine Agency - Foreign Animal Disease Division - South Korea

Development and validation of complete workflow solution for SIV testing

Angela Burrell, Rohan Shah, Darcy Myers, Ivan Leyva Baca, Catherine O'Connell, Franziska Kuhn

Thermo Fisher Scientific - Schlieren - Switzerland

Topic: Domestic & wild life virus interaction

Bat Coronaviruses circulating in Danish bats

Thomas Bruun Rasmussen, Mariann Chriél, Hans Baagøe, Esben Fjederholt, Engbert Kooi, Graham J. Belsham, Anette Bøtner

DTU National Veterinary Institute (DTUVet) - DK-4771 Kalvehave - Denmark

Prevalence of Avian Corona Viruses in samples collected for passive avian influenza surveillance on wildbirds in Sweden

Siamak Zohari, Annie Persson, Linda Forslund, Henrik Uhlhorn, Caroline Bröjer, Jean-François Valarcher, Lena Renstrom

Department of Virology, Immunobiology and Parasitology (SVA) - Statens Veterinärmedicinska Anstalt, SVA SE-75189 Uppsala - Sweden

Topic: Emerging virus & diseases

Absence of serological evidence of Pteropine Orthoreoviruses (genus Orthoreovirus, family Reoviridae) from domestic and wild animals in Italy

Teresa Fogola, Alessadra Leone, Liana Teodori, Federico Ronchi, Davide Lelli, Giovanni Savini, Alessio Lorusso

Istituto Zooprofilattico Sperimentale Abruzzo e Molise (IZSAM) - Italy

Application of silver nanoparticles to control Rift Valley fever virus infection in vitro and in vivo

Belén Borrego, Gema Lorenzo, Horacio Almanza, Francisco Mateos, Elena López-Gil, Nuria de la Losa, Vasily A. Burmistrov, Alexey Pestryakov, Alejandro Brun, Nina Bogdanchikova

Centro de Investigación en Sanidad Animal (INIA-CISA) Ctra Algete-El Casar, Valdeolmos - Spain

Application of viral metagenomics to investigate viruses circulating in wildlife-livestock interface in Mozambique

Harindranath Cholleti, Ana Paula Abilio, Fernando Chenisso Mulandane, Ulf Alling, Maria Rystedt, Belisario Moiane, Jose Fafetine, Mikael Berg, Anne-Lie Blomström

Department of Biomedical and Veterinary Public Health, Swedish University of Agricultural Sciences - Uppsala - Sweden

Detection and characterization of emerging HoBi-like viruses in commercial foetal bovine serum batches

Elisabetta Rossi, Julia Ridpath, Moira Bazzucchi, Cristina Casciari, Monica Giammarioli, Gian Mario De Mia

Istituto Zooprofilattico Sperimentale Umbria e Marche, IZS-UM, Perugia - Italy

Highly genetically distant and recombinant Swine Enteric Coronaviruses from Italy

Alice Papetti, Antonio Lavazza, Giovanni Loris Alborali, Enrico Giacomini, Enrica Sozzi, Massimiliano Lazzaro, Chiara Chiapponi, Silvia Faccini, Paolo Bonilauri, Paolo Cordioli, Maria Beatrice Boniotti

Istituto Zooprofilattico Sperimentale della Lombardia e Emilia Romagna (IZSLER) - via Bianchi 9, 25124 Brescia - Italy

Isolation and identification of a novel serotype of avian paramyxovirus

Hyun-Jeong Lee, Ji-Ye Kim, Youn-Jeong Lee, Hyun-Mi Kang, Eun-Kyoung Lee, Byung-Min Song, Hee-Soo Lee, Suk-Chan Jung, Kang-Seuk Choi

Animal and Plant Quarantine Agency, Avian Disease Division - Anyang-si, Kyeonggi-do - South Korea

Serological evidence of continuing spread of peste des petits ruminants in Tanzania

Emeli Torsson, Mikael Berg, Anne-Lie Blomström, Paul Gwakisa, Ida Herbe, Tebogo Kgotlele, Lovisa Levin, Gerald Misingo, Munir Muhammad, Karl Ståhl, Nica Wachtmeister, Jonas Johansson Wensman

Swedish University of Agricultural Sciences (SLU) - Ulls väg 26 S-750 07 Uppsala - Sweden

Spatiotemporal distribution of novel Russian isolates of African Swine Fever Virus with and without the additional tandem repeat insertion in the intergenic region between genes I73R/I329L

Alexandra Elsukova, Alisa Varentsova, Ivan Shevchenko, Nikolay Zinyakov, Natalya Vlasova, Aleksey Igolkin

Federal Centre for Animal Health (FGBI "ARRIAH") - 600901 Yur'evets, Vladimir - Russia

Personal notes ...

The characterization of nucleoprotein and glycoprotein genes of bovine ephemeral fever virus isolated from two different outbreaks in Turkey

Sukru Tonbak, Engin Berber, [Ahmet Kursat Azkur](#), Zuleyha Pestil, Eray Atil, Hasan Abayli, [Hakan Bulut](#)

Firat University - Department of Virology, Faculty of Veterinary Medicine, Firat University, Elazig - Turkey

Topic: Epidemiology, risk assessment & modeling

A prospective study investigating transplacental transmission of *Babesia caballi* in thoroughbred foals in Trinidad

[C. Sant](#), I. Pargass, A. Basu, Z. Asgarali, R. d'Abadie, K. Georges

School of Veterinary Medicine, Faculty of Medical Sciences, The University of the West Indies - St. Augustine Campus, EWMSC, Mt. Hope - Trinidad and Tobago

Antibodies to West Nile and Avian Influenza Viruses in domestic bird species in the Samsun Province of Turkey

[Harun Albayrak](#), Sinan Pir

Department of Virology, Faculty of Veterinary Medicine, Ondokuz Mayıs University 55139, Atakum, Samsun - Turkey

Bluetongue serotype 1 epidemics in the Italian Central Regions of Latium and Tuscany in 2014

Andrea Carvelli, Marcello Giovanni Sala, Gian Luca Autorino, Maria Teresa Scicluna, [Paola Scaramozzino](#)

Istituto Zooprofilattico Sperimentale del Lazio e della Toscana (IZSLT) - Via Appia Nuova 1411 - Italy

Canine Parvovirus in vaccinated dogs: a field study

[Carla Miranda](#), Gertrude Thompson

Instituto de Ciências Biomédicas de Abel Salazar and

Research Center in Biodiversity and Genetic Resources/InBIO Associate Laboratory, Universidade do Porto (ICBAS-UP and CIBIO/InBIO-UP) - Portugal

Detection and preliminary characterization of Equine infectious anemia virus from Russia.

[Nadezhda Gerasimova](#), Darima Yanzhieva, Galina Murueva, Sodnom Tcibanov

State Science Institution National Research Institute of Veterinary Virology and Microbiology of Russian Academy of Agricultural Sciences (SSI NRIVV&M of RAAS) - Volginsky, Academician Bakoulov Street, bldg. 1, Petushki area, Vladimir region - Russia

Enzootic Bovine Leucosis in Suspected Herd

Semra Gumusova, [Harun Albayrak](#), Emre Ozan, Zafer Yazici

Department of Virology, Faculty of Veterinary Medicine, Ondokuz Mayıs University 55139, Atakum, Samsun - Turkey

GIS tools to define at-risk areas for diseases prevention and control in rabbit farms

[Paolo Mulatti](#), Guido Di Martino, Monica Lorenzetto, Stefano De Rui, Laura Bortolotti, Fabrizio Agnoletti, Stefano Marangon, Lebara Bonfanti

Istituto Zooprofilattico Sperimentale delle Venezie (IZSve) - Viale dell'Università, 10 - 35020 Legnaro (Padua) - Italy

Herd-level prevalence and risk factors for bovine viral diarrhoea virus infection in cattle in the state of São Paulo, Brazil

Leticia Silva, Vitor Gonçalves, Eliana De Stefano, Adriana Romaldini, Claudia Ribeiro, Heinz Hellwig, José Lima, Giovanni Savini, Liria Okuda, [Ediviges Pituco](#)

Instituto Biológico (APTA/IB) - Av Conselheiro Rodrigues Alves, 1252, CEP 04014-002 São Paulo-SP - Brazil

Identification of viruses affecting swine in Trinidad and Tobago, West Indies

Personal notes ...

Jamie Sookhoo, Ariane Brown-Jordan, Lemar Blake, Christopher Oura

Department of Basic Veterinary Sciences, School of Veterinary Medicine, Faculty of Medical Sciences, University of the West Indies - St. Augustine Campus, EWMSC, Mt. Hope - Trinidad and Tobago

Identifying pig herds at risk for *Toxoplasma gondii*: prevalence and test characteristics

Aline De Koeijer, GertJan Boender, Henk Wisselink, Joke van der Giessen, Lourens Heres, Manon Swanenburg

Central Veterinary Institute, part of Wageningen UR (CVI) - Houtribweg 39 - Netherlands

Investigation of Ovine Herpes Virus-2 in Sheep

Gülner Kalayci, Kemal Pekmez, Murat Kaplan, Buket Özkan, Yener Küçükali

Izmir/Bornova Veterinary Control Institute - Ankara - Turkey

Molecular characterisation of infectious pancreatic necrosis viruses isolated in Finland during 2000-2014

Tuija Gadd, Anna-Maria Eriksson-Kallio, Riikka Holopainen

Finnish Food Safety Authority (Evira) - Helsinki - Finland

Molecular characterization of the HAH-2 infectious pancreatic necrosis virus (IPNV) from Turkey

Harun Albayrak, Hakan Isidan, Emre Ozan, Vikram Vakharia

Department of Virology, Faculty of Veterinary Medicine, Ondokuz Mayıs University 55139, Atakum, Samsun - Turkey

Molecular detection and seasonal distribution of lumpy skin disease virus in different cattle breeds from provinces in northern Turkey

Harun Albayrak, Emre Ozan, Hamza Kadi, Abdullah Cavunt

Department of Virology, Faculty of Veterinary

Medicine, Ondokuz Mayıs University 55139, Atakum, Samsun - Turkey

Molecular Epidemiology of Peste des Petits Ruminants Virus (PPRV) Infection in Sheep and Goats in Iran

Ali Reza Faraji, Seval Bilge Dagalp, Mohammad Reza Mahzounieh, Aykut Ozkul

Ankara University, Faculty of Veterinary Medicine, Virology Department - Ankara - Turkey

Network analysis applied to Classical Swine Fever epidemiology in Cuba

Oswaldo Fonseca, María I. Percedo, J.H. Grisi-Filho, Pastor Alfonso, María A. Abeledo, Octavio Fernández, María T. Frias Lepoureau, Kleber R. Santoro

Epidemiology Group, National Center for Animal and Plant Health (CENSA), OIE Collaborating Centre: Disasters Risk Reduction in Animal Health - San José de Las Lajas, Mayabeque - Cuba

Preliminary analysis on the role of biodiversity of arthropod vectors in the epidemiology of West Nile Disease

Paolo Mulatti, Matteo Mazzucato, Tiziano Dorotea, Laura Amato, Fabrizio Montarsi, Gioia Capelli, Lebara Bonfanti, Stefano Marangon

Istituto Zooprofilattico Sperimentale delle Venezie (IZSVE) - Viale dell'Università, 10 - 35020 Legnaro (Padua) - Italy

Serological Evidence of Foot-and-Mouth Disease Virus Infection in Randomly Surveyed Goat breeds in the Samsun province of Turkey

Harun Albayrak, Emre Ozan, Hamza Kadi, Abdullah Cavunt

Department of Virology, Faculty of Veterinary Medicine, Ondokuz Mayıs University 55139, Atakum, Samsun - Turkey

Seroprevalence and distribution of pestiviruses in goat breeds in the Samsun province of Turkey

Harun Albayrak, Emre Ozan, Hamza Kadi, Abdullah Cavunt

Department of Virology, Faculty of Veterinary Medicine, Ondokuz Mayıs University 55139, Atakum, Samsun - Turkey

Temporal and geographical variation of pestivirus and alphaherpes virus infection in Swedish semi-domesticated reindeer (*Rangifer t. tarandus*)

Jonas Wensman, Carlos Gonçalo Das Neves, Arja Kautto, Ulrika Rockström, Erik Ågren, Stefan Alenius

Swedish University of Agricultural Sciences (SLU) - S-750 07 Uppsala - Sweden

Virological Investigations in Clinical Infected Wild Goats (*Capra aegagrus aegagrus*) in Western of Turkey

Gülnur Kalayci, Murat Kaplan, Kemal Pekmez, Buket Özkan, Yener Küçükali

Izmir/Bornova Veterinary Control Institute - Ankara - Turkey

Topic: General Virology

An experimental study of bovine respiratory syncytial virus shedding and the potential for transmission

Thea Blystad Klem, Siri Sjurseth, Maria Stokstad

Norwegian University of Life Sciences (NMBU) - Oslo - Norway

Biobank of veterinary resources and potential applications in Veterinary Medicine

Tina Lombardo, Riccardo Villa, Silvia Dotti, Elena Stoppani, Guerino Lombardi, Maura Ferrari, Stefano Cinotti

Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna "Bruno Ubertini" (IZSLER) - Via Bianchi, 9 - 25124 Brescia - Italy

Distribution of deformed wing virus in colonies of honey bees *Apis mellifera intermissa* in southern of Algeria

Noureddine Adjlane, Benaziza Djamilia, Haddad Nizar

Laboratoire de Biologie et de physiologie animale (LBPA) - ENS de Kouba, Département des Sciences naturelles, Alger - Algeria

Genetic and phylogenetic analysis of avian infectious bronchitis virus nephropathogenic strain IZO 28/86

Cristiano Sabelli, Alberto Valassi, Zammerini Dario, Roberto Lazzari

IZO srl (IZO srl) - via San Zeno 99/A 25124 - Brescia - Italy

Full genome analysis of A(H5N1) from a human during a surge season in transmission of avian influenza in Egypt, 2014-2015

Mary Younan, Ehab Ayoub, Gabriel Defang, Emad Mohareb, Amel Naguib, Samir Refaey, Manal Labib, Amr Kandeel

U.S. Naval Medical Research Unit No. 3 (NAMRU-3), 3A Imtidad Ramses Street Adjacent to Abbassia Fever Hospital Abbassia, Cairo, Egypt 11517 - Egypt

Inactivation of classical swine fever virus by reagents commonly used in research and diagnosis and the effect of inactivation treatments on ELISA detection of antigen and antibody.

Pedro Sánchez-Cordóna, Helen Everett, Miriam Pedrera, Helen Crooke, Simon Graham

Animal and Plant Health Agency (APHA) Department of Virology, Woodham lane, New Haw, Surrey, KT15 3NB - United Kingdom

Molecular characterization of myxomavirus isolated in Italy

Alberto Valassi, Roberto Lazzari, Cristiano Sabelli

IZO srl - via San Zeno 99/A 25124 - Brescia - Italy

Multitemperature Single-Strand Conformational

Polymorphism (MSSCP) Analysis of A/H1N1 Strain Variants Co-infections Among Pigs in Poland

Krzysztof Lepek, Beata Pajak, Lukasz Rabalski, Kinga Urbaniak, Krzysztof Kucharczyk, Iwona Markowska-Daniel, Boguslaw Szewczyk

Laboratory of Recombinant Vaccines, Intercollegiate Faculty of Biotechnology, University of Gdansk and Medical University of Gdansk (IFB UG-MUG) - Kladki 24, 80-822 Gdansk - Poland

NGS as regular tool for viral epidemiological studies

Maria Razzauti, Emmanuel Fernández, Maxime Galan, Philippe Roumagnac, Mureil Vayssier-Taussat, Jean-François Cosson

Centre de biologie et gestion des populations (CBGP) - Institut national de la recherche agronomique (INRA) UMR1062 - Campus international de Baillarguet - 34398 Montpellier Cedex 5 - France

Novel antibody binding determinants of serotype O Foot-and-mouth disease virus

Mana Mahapatra, Sasmita Upadhyaya, Satya Parida

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Productive replication of the peste des petits ruminants virus Nigeria 75/1 vaccine strain in Vero cells correlates with inefficient maturation of the viral fusion protein.

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The expression of a truncated Hendra virus attachment protein in the trypanosomatid protozoan host *Leishmania tarentolae*

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Use of H-Index to evaluate research productivity outcome on viral diseases of swine

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Use of lateral flow device for safe and low cost shipment of FMDV suspected sample

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Topic: Host/virus interactions & viral immunity

Experimental infection of Houbara Bustard with avipoxvirus

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The invasion mechanisms of infectious laryngotracheitis virus (ILTV) in the respiratory and conjunctival mucosa

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Topic: Influenza

Assessment of the immunosuppressive effect of H9N2 virus infection in SPF chicken

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Establishment of a veterinary Biobank at Istituto Zooprofilattico Sperimentale delle Venezie

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Stronger interference of Avian Influenza than Newcastle Disease Virus specific maternal derived antibodies with a recombinant NDV-H5 vaccine

Olivier Vandersleyen, Amélyne Lardinois, Mieke Steensels, Nathalie Desloges, Markus Rahaus, Jan Mast, Thierry van den Berg, Bénédicte Lambrecht

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The adaptation of avian influenza viruses to the respiratory epithelium of pigs

Wei Yang, Fandan Meng, Darsaniya Punyadarsaniya, Markus Hoffmann, Juergen Stech, Dirk Hoepfer, Martin Beer, Christel Schwegmann-Wessels, Xiaofeng Ren, Georg Herrler

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Whole genome sequencing of influenza A viruses in pigs using Next Generation Sequencing

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Topic: Respiratory viruses

Distribution of equine herpesvirus type 1 (EHV-1) in the tissues of aborted fetuses

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Earlier and easier diagnostic tools for PRRSV herd management: Comparison of sampling and prevalence under field conditions

Calvin Gunter, Nardy Robben, Sandrine Moine, Anne Quijada Carreres

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Equine herpesvirus 2 and 5 in actively racing Standardbred trotters: studies on viral load and genetic variation of gamma herpesvirus in nasal secretion

Helena Back, Karin Ullman, Robert Söderlund, Johanna Penell, Louise Treiberg Berndtsson, Karl Ståhl, Mikael Leijon, John Pringle, Jean-François Valarcher

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Herd management strategies to control PRRSV infections using the PrioCHECK® PRRSV VIA ELISA

Franziska Kuhn, Ralph Lausterer, Bjoern Schroeder, Tilman Kuehn, Stefan Pesch, Alex Raeber

Thermo Fisher Scientific - Schlieren - Switzerland

Topic: Vaccines & antivirals

Enrofloxacin is a potent antiviral against African swine fever virus in vitro but lacks detectable antiviral activity in vivo

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Identification and molecular characterization of RHDV serotype 2 virus isolated in Italy

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Pestivirus contamination of vaccines - possible source of new BVDV-2 and atypical bovine pestivirus infections in Polish cattle?

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Postvaccinal immune response in pigs treated with enrofloxacin at the time of vaccination against Aujeszky's disease

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Zulvac® SBV, the first vaccine against Schmallenberg virus in cattle and sheep authorized at a European level

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Topic: Virus evolution

Characterization and phylogenetic analysis of two Finnish EBLV-2 isolates

Tiina Nokireki, Anita Huovilainen, Tarja Sironen, Olli Vapalahti, Liisa Sihvonen, Miia Jakava-Viljanen

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Molecular characterization and phylogenetic analysis of small ruminant lentiviruses (SRLV) circulating in Germany

Moira Bazzucchi, Gesine Lühken, Cristina Casciari, Ilaria Pierini, Monica Giammarioli, Gian Mario De Mia

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The role of quasispecies in chronic infections with classical swine fever virus

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Time scale evolution of avipoxviruses

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