

11th International Congress for Veterinary Virology

12th Annual Meeting of EPIZONE

August 27–30, 2018
University of Veterinary Medicine Vienna



Table of contents

Programme at a glance	4
General information	8
Location	10
Committees	11
Sponsors	11
Programme	12
Monday, August 27, 2018	12
Opening & Plenary Session 1	12
Tuesday, August 28, 2018	13
Plenary Session 2	13
Oral Sessions 1 & 2	13
Poster Sessions 1 & 2	15
Plenary Session 3	15
Oral Session 3	15
Wednesday, August 29, 2018	20
Plenary Session 4	20
Oral Sessions 4 & 5	20
Poster Sessions 3 & 4	22
Oral Session 6	22
Thursday, August 30, 2018	27
Closing Session	27
Oral Session 7	27

Time	“Festsaal” Main Hall	“Festsaal” building Ground floor	“Festsaal” building Ground floor & 1 st floor
14:00–16:00		Registration	
16:00–16:30	<p>Opening session Welcome to Vienna, Norbert Nowotny & Till Rümenerpf Welcome address by the President of ESV, Emmanuel Albina Welcome address by the President of EPIZONE, Wim van der Poel</p>		
16:30–18:30	<p>Plenary session 1 Keynote lecture 1 <i>Veterinary virology in the post truth era</i> Ilana Capua</p> <p>Podium discussion with representatives of OIE, FAO/IAEA, EFSA, ECDC and the Austrian Federal Ministry of Labour, Social Affairs, Health and Consumer Protection <i>How do international organizations involved in animal health deal with the challenges in veterinary virology 2018?</i></p>		
18:30–18:40	<p>Conference opening by the Rector of the University of Veterinary Medicine Vienna, Petra Winter</p>		
18:45–21:30			Welcome Reception

Time	Lecture Hall "Hörsaal" B	Main Hall "Festsaal"	Lecture Hall "Hörsaal" M	"Festsaal" building Ground floor
08:30–10:00	Plenary session 2 Keynote lectures 2 & 3 Martin Groschup <i>Zoonotic arboviruses – enhancing our awareness</i> Anthony R. Fooks <i>Emerging lyssaviruses in bat hosts</i>			Registration
10:00–10:30	Coffee break, Poster & Stand Viewing	Coffee break, Poster & Stand Viewing		
10:30–12:00	Parallel session 1 <i>Emerging, zoonotic and vector-borne viruses 1</i>	Parallel session 2 <i>Viral pathogenesis and evolution</i>	Young EPIZONE session 1	
12:00–13:30		Lunch (served in the "Mensa")		
13:30–15:00	Parallel session 3 <i>Emerging, zoonotic and vector-borne viruses 2</i>	Parallel session 4 <i>Viral immunity; advances in vaccinology and antivirals</i>	Young EPIZONE session 2	
15:00–16:15	Poster Presentation session 1 & Coffee break	Poster Presentation session 2 & Coffee break		
16:15–17:00	Plenary session 3 Keynote lecture 4 Martin Beer <i>Next-generation sequencing – no limits (?)</i>			
17:00–18:00	Parallel session 5 <i>Advances in viral diagnostics</i>	Parallel session 6 <i>Veterinary public health, epidemiology, risk assessment and modelling</i>		
19:00–22:00	Cocktail reception in the Ballroom of Vienna City Hall by invitation of the Mayor of Vienna			

Time	Lecture Hall "Hörsaal" B	Main Hall "Festsaal"	Lecture Hall "Hörsaal" M	"Festsaal" building Ground floor
08:30–10:00	Plenary session 4 Keynote lectures 5 & 6 José Manuel Sánchez-Vizcaino <i>African swine fever: The biggest threat of the European swine industry – what can we do?</i> Thomas C. Mettenleiter <i>Novel aspects in molecular biology of African swine fever virus</i>			Registration
10:00–10:30	Coffee break, Poster & Stand Viewing	Coffee break, Poster & Stand Viewing		
10:30–12:00	Parallel session 7 <i>Viral infections of Swine 1</i>	Parallel session 8 <i>Viral infections of Equines</i>		
12:00–13:30		Lunch (served in the "Mensa")		
13:30–15:00	Parallel session 9 <i>Viral infections of Swine 2</i>	Parallel session 10 <i>Viral infections of Carnivores</i>		
15:00–16:15	Poster Presentation session 3 & Coffee break	Poster Presentation session 4 & Coffee break		
16:15–17:45	Parallel session 11 <i>Viral infections of Ruminants 1</i>	Parallel session 12 <i>Viral infections of Birds</i>		
18:30–22:00	Heurigen evening at the "Schreiberhaus" Shuttle service from the conference venue will be provided at 18:30			

Programme at a glance

Thursday, August 30, 2018

Time	Lecture Hall "Hörsaal" B	Main Hall "Festsaal"
09:00–10:30	Parallel session 13 <i>Viral infections of Ruminants 2</i>	ESV Parallel session 14 <i>Viral infections of Rodents and Lagomorphs;</i> <i>Viral infections of Fish and Bees</i>
10:30–12:00	Closing Ceremony Awards General Assembly Presentation of Candidates and Decision on the host of the next ESV Conference	
12:00	Lunch to Go	

General information

Venue address

University of Veterinary Medicine
Veterinärplatz 1
1210 Vienna

Conference registration and accommodation office

Austropa Interconvention, Verkehrsbüro MICE Services
Lassallestrasse 2
1020 Vienna
T +43 1 58800 534
T +43 664 6258287 (for emergencies only!)
esv2018@austropa.at

Conference hours

Monday, August 27, 2018	from 14:00	Registration
	16:00–16:30	Opening session
	16:30–18:30	Scientific programme
	18:30–18:40	Conference opening
	from 18:45	Welcome reception in the “Festsaal” building
Tuesday, August 28, 2018	from 08:00	Registration
	08:30–18:00	Scientific programme
	from 19:00	Cocktail reception in the Ballroom of Vienna City Hall
Wednesday, August 29, 2018	from 08:00	Registration
	08:30–17:45	Scientific programme
	18:30–19:00	Shuttle service to the Heurigen from the conference venue
	from 19:00	Heurigen evening at the “Schreiberhaus”
Thursday, August 30, 2018	09:00–10:30	Scientific programme
	10:30–12:00	Closing ceremony, awards
	from 12:00	Lunch to go

Badges

Each participant will receive a name badge upon registration. For security reasons all participants are requested to wear their badge during all the congress activities and social events.

Language

The official language of the congress is English. No simultaneous translation will be provided.

Certificate of attendance

A certificate of attendance will be enclosed in the delegate package at the congress.

Entitlements

Participants are admitted to the whole scientific programme, coffee breaks and lunch, welcome reception, cocktail reception and Heurigen evening. Accompanying persons are admitted to welcome reception, cocktail reception and Heurigen evening. No admission to the scientific programme is granted for accompanying persons.

Programme changes

The organizer cannot assume liability for any changes in the programme due to external or unforeseen circumstances.

Speaker Ready Room

We kindly request all speakers to submit their oral presentations on flash/thumb drive or CD/DVD disc at the Speaker Ready Room at least 3 hours in advance of their presentation. The Speaker Ready Room at the “Festsaal” building, Großes Sitzungszimmer (1st floor right) has been arranged to give presenters the opportunity to view their presentations and to obtain any technical support they might require prior to their scheduled sessions. Technicians will be present in the Speaker Ready Rooms to assist. We recommend PowerPoint for all users but will also accept PDF files for presentations. All video files should be (.wmv), (.avi) or (.mpg), so they will run properly on the computers provided.

Posters

Posters P1 to P82 should be set up until Tuesday, August 28, 10:00 and removed by Wednesday, August 29, 08:30.

Posters P83 to P158 should be set up on Wednesday, August 29, until 10:00 and removed by Thursday, August 30, 09:00.

Equipment for mounting the posters will be provided by the conference organizers.

The conference takes no responsibility for left or damaged posters. During the poster presentation sessions the presenting authors are expected to be available at their posters for scientific discussions.

The Scientific Committee will select 3 posters for poster prizes. The selected authors will be requested to make a short oral presentation (3–5 min.) of their award-winning study.

WLAN is available free of charge via

Eduroam – if you are an Eduroam-user WLAN is available using your personal data, i.e. using the same credentials as when accessing the network locally. *Eduroam (education roaming) is the secure, world-wide roaming access service developed for the international research and education community.*

WLAN Guest Account – if you don't have access to the Eduroam-network, you may use the local guest account (Network: Veranstaltungen, User: Veterinaerirologie, Pass: BXkU6Bz7)

Conference venue

The University of Veterinary Medicine Vienna is situated at Veterinärplatz 1, 1210 Vienna, Austria.

The closest tramway station Josef-Baumann-Gasse can be reached with tram line 25 from Floridsdorf or tram line 26 from Kagraner Platz. The Veterinärmedizinische Universität can be reached as well with bus 27A from Kagran. Tram and bus lines are connected to metro U1 and U6, respectively.

Social programme

All three social evening events are included in the registration fee!

Monday, August 27, 2018, 18:45–21:30 | Dress code: informal
Welcome reception, Festsaal, University of Veterinary Medicine Vienna

Tuesday, August 28, 2018, 19:00–22:00 | Dress code: formal
Cocktail reception in the Ballroom of Vienna City Hall by invitation of the Mayor of Vienna

No shuttle service will be provided, please use your complimentary 3 days public transportation ticket which you will find together with the invitation card in your conference documents – you will have to show the invitation card when entering the City Hall, thus, please don't forget to take it with you! Access to the City Hall from 19:00 onwards at the address Lichtenfelsgasse 2, 1010 Vienna.

Wednesday, August 29, 2018, 18:30–22:00 | Dress code: informal
Heurigen evening at the “Schreiberhaus, Rathstraße 54, 1190 Vienna.

Shuttle service from the conference venue will be provided at 18:30, return shuttle to the major conference hotels and the conference venue will be from 21:30–22:30.

Location

Welcome to Vienna

Vienna has approximately 1.8 million inhabitants and is situated in the “Heart of Europe”. Its geographic as well as its geopolitical position has established Vienna as a centre for international meetings. Moreover, it is one of the United Nations headquarters, and also home to a number of other international organizations. Vienna is a city on which its ever-changing history has left an indelible mark, reflected in its rich cultural heritage. Viennese writers, musicians, artists and scientists have created new directions for the modern world in every field. Today, Vienna offers old historical palaces and modern shopping centers, Austrian food and haute cuisine, Viennese coffee houses and international restaurants, opera performances and jazz sessions, classical concerts and open air festivals, antique shops and elegant boutiques – all these contrasts are harmonized into something typically Viennese.

Vienna is different! For accompanying persons including children, Vienna offers numerous museums and tourist attractions.

Weather

August falls in the middle of the prime tourist season in Vienna. This is one of the best months to visit the city, featuring the warmest temperatures and the most sunshine. The nights in August are comfortably warm with an average low temperature of 14°C. In the afternoons, the mercury climbs to an average high of 24°C, absolutely amazing weather to spend hours walking from highlight to highlight, palace to palace and museum to museum.

Shopping

Opening times on weekdays are 9:00 to 18:00, some until 20:00 on Thursday or Friday. On Saturdays, most shops close at 18:00. All shops, with very few exceptions, remain closed on Sundays.

Currency and Credit Cards

The Austrian currency is the EURO (€). Most hotels, restaurants and shops accept internationally valid credit cards.

Electricity

The current electricity used in Austria is 220 V, with 50 Hz frequency.

Public Transport

Vienna boasts a modern, efficient public transport system consisting of tramways, subway (U-Bahn), city railway (Schnellbahn; S-Bahn) and busses. Almost all hotels have easy access to the public transportation system. In your conference documents you will find a complimentary 3 days public transportation ticket, which is valid on all means of public transportation within the city of Vienna. Please punch it at the beginning of your first trip; from this time onwards it is valid for 72 hours. Since Vienna airport is located slightly outside the boundaries of the City of Vienna you will need to buy an additional ticket for your return journey.



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Committees

Organizing Committee

Emmanuel Albina, France
María Luisa Arias Neira, Spain
Thomas C. Mettenleiter, Germany
Hans Nauwynck, Belgium
Norbert Nowotny, Austria
Tamaš Petrović, Serbia
Tillmann Rümenapf, Austria
Wim H. M. van der Poel, The Netherlands

Local Organizing Committee

Tamás Bakonyi
Dieter Klein
Benjamin Lamp
Norbert Nowotny
Tillmann Rümenapf

Scientific Committee

Emmanuel Albina, France
María Luisa Arias Neira, Spain
Tamás Bakonyi, Hungary
Martin Beer, Germany
Anette Bøtner, Denmark
Emiliana Brocchi, Italy
Giovanni Cattoli, Austria
Martin Groschup, Germany
Dieter Klein, Austria
Benjamin Lamp, Austria
Antonio Lavazza, Italy
Thomas C. Mettenleiter, Germany
Hans Nauwynck, Belgium
Norbert Nowotny, Austria
Tamaš Petrović, Serbia
Tillmann Rümenapf, Austria
Jose Manuel Sanchez-Vizcaino Rodriguez, Spain
Uwe Truyen, Germany
Thierry van den Berg, Belgium
Wim H. M. van der Poel, The Netherlands
Stéphan Zientara, France

Sponsors



Programme

Monday, August 27, 2018

16:00–16:30 Opening session

Venue: Main Hall “Festsaal”

Welcome addresses by:

Norbert NOWOTNY, Till RÜMENAPF, Local Organizing Committee (AUT)

Emmanuel ALBINA, President of ESVV (FRA)

Wim VAN DER POEL, President of EPIZONE (NLD)

16:30–18:30 Plenary session 1 – Keynote lecture 1

Venue: Main Hall “Festsaal”

16:30 Veterinary virology in the post truth era

Ilaria CAPUA (ITA)

17:15 Podium discussion

with representatives of OIE, FAO/IAEA, EFSA, ECDC and the Austrian Federal Ministry of Labour, Social Affairs, Health and Consumer Protection

How do international organizations involved in animal health deal with the challenges in veterinary virology 2018?

18:30–18:40 Conference opening

Venue: Main Hall “Festsaal”

Petra WINTER, Rector of the University of Veterinary Medicine Vienna (AUT)

18:45–21:30 Welcome reception

“Festsaal” building, ground floor & 1st floor

Tuesday, August 28, 2018

08:30–10:00 Plenary session 2 – Keynote lectures 2 & 3

Venue: Lecture Hall “Hörsaal” B

Chair: Norbert NOWOTNY

08:30 Zoonotic arboviruses – enhancing our awareness

Martin GROSCHUP (DEU)

09:15 Emerging lyssaviruses in bat hosts

Anthony R. FOOKS (GBR)

10:30–12:00 Oral session 1

01.1 Emerging, zoonotic and vector-borne viruses 1

Venue: Lecture Hall “Hörsaal” B

Chair: Martin GROSCHUP

10:30 Surveillance of West Nile fever among equids and humans in the European Union and its potential impact on blood safety measures

Celine GOSSNER (SWE)

10:45 Usutu virus infections in wild birds and humans between 2010 and 2017 in Austria and Hungary

Tamás BAKONYI (HUN)

11:00 Tick-borne virus detection in Caribbean ticks using NGS and high-throughput microfluidic real-time PCR (DOMOTICK Project)

Emmanuel ALBINA (GLP)

11:15 The characterisation of hepatitis E virus in UK pigs

Bhudipa CHOUDHURY (GBR)

11:30 Prevalence and molecular characterization of hepatitis E virus in Lithuanian wild animal populations

Juozas GRIGAS (LTU)

11:45 Emergence of bluetongue virus serotype 4 in continental France in November 2017

Stéphan ZIENTARA (FRA)

01.2 Viral pathogenesis and evolution

Venue: Main Hall “Festsaal”

Chair: Thomas METTENLEITER

10:30 Use of reverse genetics technique to study the early pathogenesis of Peste des Petits Ruminants virus

Satyanarayan PARIDA (GBR)

10:45 Elucidating the role of T lymphocytes in pathogenesis during bluetongue virus infection in sheep

Kerry NEWBROOK (GBR)

11:00 Circulation of classical swine fever chronic and persistent forms refractory to vaccination and viral evolution under inefficient control programs

Lilianne GANGES (ESP)

11:15 Within-host diversity of low pathogenic avian influenza virus in various poultry species

Edyta ŚWIĘTOŃ (POL)

11:30 Influenza viruses and paramyxoviruses enhance the adherence and invasion properties of streptococci by a sialic acid-dependent interaction with the capsular polysaccharide

Georg HERRLER (DEU)

11:45 Access to a main EHV1 receptor, located basolaterally in the respiratory epithelium is masked by intercellular junctions and revealed by pollen proteases

Jolien VAN CLEEMPUT (BEL)

01.3 Young EPIZONE session 1

Venue: Lecture Hall "Hörsaal" M

10:30 Welcome

10:40 Challenges in veterinary virology – project management successes and failures
Till RÜMENAPF (AUT)

11:10 Research project management
Rainer SVACINKA (AUT)

13:30–15:00 Oral session 2

02.1 Emerging, zoonotic and vector-borne viruses 2

Venue: Lecture Hall "Hörsaal" B

Chair: Tamas BAKONYI

13:30 Middle East respiratory syndrome coronavirus (MERS-CoV) vaccination efficacy in a direct-contact transmission model in llamas
Jordi RODON (ESP)

13:45 Middle East respiratory syndrome coronavirus (MERS-CoV) early infection in alpacas
Te NIGEER (ESP)

14:00 Bats as reservoir hosts of novel and emerging viruses in Italy
Davide LELLI (ITA)

14:15 Genomic analysis of the first African swine fever virus isolated within EU, Lithuania 2014
Jovita FERNÁNDEZ-PINERO (ESP)

14:30 Outbreaks of haemorrhagic fever with renal syndrome in the United Kingdom
Lorraine MCELHINNEY (GBR)

14:45 Electron cryo tomography and determination of capsid structure of rabies virus
Christiane RIEDEL (AUT)

02.2 Viral immunity; advances in vaccinology and antivirals

Venue: Main Hall "Festsaal"

Chair: Emmanuel ALBINA

13:30 Investigation of the duration of immunity induced by gene-deleted African swine fever viruses
Ana-Luisa REIS (GBR), Linda DIXON (GBR)

13:45 Host factors involved in classical swine fever immunopathogenesis
Jose Alejandro BOHORQUEZ (ESP), Lillianne GANGES (ESP)

14:00 Abortigenic but not neurotropic equine herpesvirus 1 modulates the interferon antiviral defense
Katrien POELAERT (BEL)

14:15 Preliminary evaluation of a baculovirus-expressed subunit vaccine for the protection of white-tailed deer from clinical epizootic hemorrhagic disease virus serotype 2
Leela NORONHA (USA)

14:30 Dendritic cell based in-vitro assay to test immunogenicity of viral vaccine candidates
Viskam WIJEWARDANA (AUT)

02.3 Young EPIZONE session 2

Venue: Lecture Hall "Hörsaal" M

13:30 Ice breaking game (Bingo)

13:50 Workshop on research project management
Till RÜMENAPF (AUT)

14:40 Round-table discussion – opinion and experience sharing
Rainer SVACINKA (AUT)

P1.1 **Viral pathogenesis and evolution & viral immunity**

Venue: Building Lecture Hall “Hörsaal” A & B

- P 1.** **Molecular characterisation of a previously undetected bluetongue virus serotype 8 strain in Cyprus**
Hannah BROWN (GBR)
- P 2.** **Diversity and pathogenicity of chicken astrovirus**
Victoria SMYTH (GBR)
- P 3.** **Characterisation of novel inhibitors of the IRF3 and NF-kappa B pathways encoded by African swine fever virus**
Lynnette GOATLEY (GBR), Linda DIXON (GBR)
- P 4.** **T-Cell epitopes in serotype specific proteins of African swine fever virus**
Denis KOLBASOV (RUS)
- P 5.** **Molecular characterisation of Polish African swine fever virus strains**
Natalia MAZUR (POL)
- P 6.** **Rabies virus belonging to phylogroup C has spread to Poland - complete genome analysis**
Anna ORŁOWSKA (POL)
- P 7.** **Determination of exosomes infectivity in cattle infected with bovine leukemia virus (BLV)**
Maria SZCZOTKA (POL)
- P 8.** **Phylogenetic analysis showing new insights of epidemiology, evolution and taxonomy of HEV in Brazil**
Edmilson FERREIRA DE OLIVEIRA FILHO (BRA)
- P 9.** **Importance of the ciliary activity of the airway epithelium in preventing influenza virus infection**
Georg HERRLER (DEU)
- P 10.** **Co-infection of a natural pair of low and highly pathogenic H7N7 avian influenza viruses in chickens and embryonating chicken eggs**
Annika GRAAF (DEU)
- P 11.** **Porcine bocavirus NP1 interferes with the IFN α/β signaling pathway**
Giorgi METREVELI (SWE)
- P 12.** **Comparison of pathogenicity and intestinal immunity outcomes in pigs infected with French S-InDel or US S-non-InDel strains of porcine epidemic diarrhea virus**
Sarah GALLIEN (FRA)

P1.2 **Advances in vaccinology, antivirals & in viral diagnostics**

Venue: Building Lecture Hall “Hörsaal” A & B

- P 13.** **Intradermal DNA vaccination harbouring a combination of conserved HA-peptides reduces viral shedding in two different experimental swine influenza virus infections**
Marta SISTERÉ-ORO (ESP)
- P 14.** **Influence of cell type and cell culture media on the propagation of foot-and-mouth disease virus with regard to vaccine quality**
Veronika DILL (DEU)
- P 15.** **Bluetongue disease - from suspicious field sample to serotype identification in 2 hours**
Christina RIES (DEU)
- P 16.** **Inactivation of classical swine fever virus in serum samples**
Denise MEYER (DEU)
- P 17.** **Immunization against African swine fever virus using potential T-cell antigens delivered via adenovirus and vaccinia vectors**
Raquel PORTUGAL (GBR)
- P 18.** **Suppression of influenza A virus replication in chicken embryonic fibroblasts lacking CD209L and ANP32A by the CRSPR/Cas9 system**
Etsuro ONO (JPN)

- P 19. **Development of a multiplex real-time RT-PCR assay for the differential detection of bluetongue virus serotypes**
Petra FAY (GBR)
- P 20. **Novel highly immunogenic strain of B.anthraxis 363/11**
Larisa PADILO (RUS), Timofey SEVSKIKH (RUS)
- P 21. **Simultaneous detection of AIV and NDV by droplet digital PCR (dd-PCR)**
Alia YACOUB (SWE)
- P 22. **Syndromic surveillance and pathogen detection using multiplex assays for respiratory infections in small ruminants**
Giovanni CATTOLI (AUT)
- P 23. **Differentiation of sheep poxvirus vaccines from field isolates and other Capripoxvirus species**
Giovanni CATTOLI (AUT)
- P 24. **Evaluation of Capripoxvirus surface proteins as antigens for the detection of antibodies using indirect ELISA**
Giovanni CATTOLI (AUT)
- P 25. **Development of an alternative multiplexed bead-based avian influenza H5 pathotyping assay**
Edwicka GREGOROWICZ (BEL)
- P 26. **The influence of sample preparations on high-throughput sequencing detection of viruses in clinical samples**
Lihong LIU (SWE)
- P 27. **Antipoxvirus compounds screening for veterinary medicine**
Sokunthea TOP (FRA)
- P 28. **Circulation and impact of bovine herpesvirus 2 with diagnosis of BHV1 in France**
Guy KOUOKAM FOTSO (FRA)
- P 29. **Validation of real-time PCR kits for specific detection of classical and African swine fever virus**
Floriane PEZ (FRA)
- P 30. **Extended validation of ELISAs & qPCR for the diagnosis of African swine fever**
Loic COMTET (FRA)
- P 31. **Poultry vaccines: innovative serological assays for diagnosis and vaccination monitoring for H9 and H5 avian influenza A**
Marina GAIMARD (FRA)
- P 32. **Improved detection of antibodies to PRRSV-US strains with the ID Screen® PRRS indirect ELISA**
Loic COMTET (FRA)
- P 33. **A new pen-side test for the rapid detection of PPR virus in field conditions**
Loic COMTET (FRA)
- P 34. **Validation of 2 new qPCRs for the detection of Capripoxviruses and differentiating LSDV infected from vaccinated animals**
Loic COMTET (FRA), Philippe POURQUIER (FRA)
- P 35. **Validation of a new RT-qPCR kit for PRRSV detection**
Loic COMTET (FRA), Philippe POURQUIER (FRA)
- P 36. **Genotype detection of clinical isolates of (CAEV)/Maedi-Visna (MVV), using molecular beacons fluorescent probes**
Stefano CAPPALÀ (ITA), Sandro ROLESCU (ITA)
- P 37. **Development of a new TaqMan based rRT-PCR for encephalomyocarditis virus (EMCV) detection**
Efrem Alessandro FOGLIA (ITA)
- P 38. **Detection of Bombyx mori nucleopolyhedrovirus DNA by loop-mediated isothermal amplification (LAMP) assay**
Rebeka Lucijana BERCIC (HUN)
- P 39. **Lumpy skin disease – a new challenge to Georgia**
Marina DONDUASHVILI (GEO)
- P 40. **Ovine x mouse xenohybridomas for rabies virus antigens**
Vladimir SOLOGUB (RUS)
- P 41. **Predictability of ionic liquid's virucidal potential in biological test systems**
Julia SOMMER (AUT)

P2.1 Emerging, zoonotic and vector-borne viruses

Venue: Building Lecture Hall "Hörsaal" A & B

- P 42. Molecular characterization and phylogenetic relatedness of human and dog-derived rabies viruses circulating in Cameroon between 2010 and 2017**
Serge Alain SADEUH MBA (CMR)
- P 43. Replication of three different viral species in sheep respiratory ex vivo organ cultures (EVOC)**
Giovanni DI TEODORO (ITA)
- P 44. Virological surveillance of Influenza virus type A, B, C, D in Italy**
Chiara CHIAPPONI (ITA)
- P 45. Analysis of bluetongue serotype 3 spread in Tunisia and discovery of a novel strain related to the bluetongue virus isolated from a commercial sheep pox vaccine**
Alessio LORUSSO (ITA)
- P 46. First detection of Crimean-Congo hemorrhagic fever virus in a tick from a migratory bird in Italy**
Elisa MANCUSO (ITA)
- P 47. Detection and genotyping of hepatitis E virus in wild ungulates from North-Eastern Italy**
Laura BELLINATI (ITA)
- P 48. Mammalian Orthoreovirus reassortant isolated from diarrheic pigs: Prevalence in the Netherlands and propagation in cell culture**
Marcel HULST (NLD)
- P 49. The investigation of the prevalence of BTV infection in some domestic ruminants in Eastern Mediterranean region, Turkey**
Seval DAGALP (TUR), Firat DOGAN (TUR)
- P 50. Physiological and immunological responses to *Culicoides sonorensis* blood feeding: A murine model**
Barbara DROLET (USA)
- P 51. Apparent re-emergence of Schmallenberg virus in Northern Ireland**
Michael MCMENAMY (GBR)
- P 52. First isolation of infectious hematopoietic necrosis virus (IHNV) in Finland**
Tuija GADD (FIN), Tiina NOKIREKI (FIN)
- P 53. Bat lyssaviruses in Finland**
Tiina NOKIREKI (FIN)
- P 54. Phylogenetic analysis of alphacoronaviruses from five different species of bats in Denmark**
Christina Marie LAZOV (DNK)
- P 55. Virome of Croatian bat populations**
Ivana ŠIMIĆ (HRV)
- P 56. The emergence of porcine epidemic diarrhoea in Croatia: molecular and serological investigation**
Dragan BRNIĆ (HRV)
- P 57. Development of real-time PCR kit for specific detection of porcine circovirus type 2 and type 3**
Floriane PEZ (FRA)
- P 58. Identification of mosquito species present in the United Arab Emirates and investigations on their virus-carrier status**
Norbert NOWOTNY (AUT)
- P 59. Serological evidence of Usutu virus infection in Moroccan horses**
Soukayna AARAB (MAR)
- P 60. Diversity of paramyxovirus-related sequences identified in South African rodent populations**
Bronwyn KLEINHANS (ZAF)
- P 61. Seroprevalence for West Nile virus (WNV) and Saint Louis virus (SLEV) in equids from the Northeast Brazil**
Edmilson FERREIRA DE OLIVEIRA FILHO (BRA)

- P 62. The virome of *Culex quinquefasciatus* mosquitoes in Brazil**
Pontus ÖHLUND (SWE)
- P 63. Epidemiologic investigation and possible vector identification of Akabane virus infection in domestic ruminant species (cows, sheep and goats) in Eastern Mediterranean region, Turkey**
Seval BILGE DAGALP (TUR)
- P 64. Serosurvey and molecular investigation of tick-borne encephalitis virus (TBEV) in northern Turkey**
Harun ALBAYRAK (TUR)
- P 65. Serological evidence of Lineage -1 West Nile virus infection in Ardahan province, Northeast Turkey**
Harun ALBAYRAK (TUR)
- P 66. The serological evidence of West Nile virus infection in backyard hens in Western Anatolia, Turkey**
Harun ALBAYRAK (TUR)
- P 67. Serological status of West Nile virus in a private small scale thoroughbred horse farm in Turkey**
Harun ALBAYRAK (TUR)
- P 68. Potential implication of promiscuous-landing *Musca domestica* L. flies in lumpy skin disease virus spread in Russian cattle**
Yana PESTOVA (RUS)
- P 69. Usutu virus-associated mortality in captive azure-winged magpie nestlings**
Herbert WEISSENBOCK (AUT)
- P 70. Determining the host range of *Neoromicia capensis* coronavirus by using viral pseudo particles**
Andrea KOTZÉ (ZAF)
- P 71. Production of a vaccine against avian influenza from locally isolated viral strains/ control of their safety and efficacy**
Hajar MOUDHICH (MAR)
- P 72. External quality assessment of Rift Valley fever virus diagnostic capacities in veterinary laboratories of the Mediterranean and Black Sea regions**
Cristina CANO-GÓMEZ (ESP)
- P 73. External quality assessment of West Nile virus diagnostic capacities in veterinary laboratories of the Mediterranean and Black Sea regions**
Miguel Ángel JIMÉNEZ-CLAVERO (ESP)
- P 74. Detection of influenza D in respiratory disease samples from Northern Irish cattle**
Catherine DUFFY (GBR)
- P 75. Detection of Peaton virus in Israel**
Adi BEHAR (ISR)
- P 76. Flaviviruses in Serbia – current situation**
Tamas PETROVIC (SCG)
- P 77. The airway epithelium maintains the barrier function after influenza virus infection despite the extensive loss of ciliated cells**
Nai-Huei WU (DEU)
- P 78. The use of insect-specific viruses to understand the transmission of pathogenic arboviruses**
Hanna LUNDÉN (SWE)
- P 79. Co-localization of Middle East respiratory syndrome coronavirus (MERS-CoV) and dipeptidyl peptidase-4 in the respiratory tract and lymphoid tissues of pigs and llamas**
Te NIGEER (ESP)
- P 80. Molecular characterization of recent Spanish West Nile virus strains**
Pilar AGUILERA-SEPÚLVEDA (ESP)

- P 81. **Validation of ready-to-use real-time PCR kits for specific and reliable detection of lumpy skin disease (LSD) and distinction with Neethling vaccine strain**
Claire PELLETIER (FRA)
- P 82. **An interdisciplinary approach addressing ticks and tick-borne diseases of cattle in Uganda**
Maja MALMBERG (SWE)

16:15–17:00 Plenary session 3 – Keynote lecture 4

- Venue: Lecture Hall “Hörsaal” B
Chair: Dieter KLEIN
- 16:15 **Next-generation sequencing – no limits (?)**
Martin BEER (DEU)

17:00–18:00 Oral session 3

03.1 Advances in viral diagnostics

- Venue: Lecture Hall “Hörsaal” B
Chair: Martin BEER

- 17:00 **Nanopore sequencing in clinical veterinary virology: proof-of-concept studies and perspectives**
Guillaume CROVILLE (FRA)
- 17:15 **Nanopore sequencing as a revolutionary diagnostic tool for porcine viral enteric disease complexes identifies porcine kobuvirus as an important enteric virus**
Sebastiaan THEUNS (BEL)
- 17:30 **Development of micro-amount of virion enrichment technique (MiVET) and application to transboundary animal diseases countermeasures**
Wataru YAMAZAKI (JPN)
- 17:45 **Widening the scope of PPR diagnostic: adaptation and development to target atypical host species and field situations**
Olivier KWIAITEK (FRA), Arnaud BATAILLE (FRA)

03.2 Veterinary public health, epidemiology, risk assessment and modelling

- Venue: Main Hall “Festsaal”
Chair: Wim VAN DER POEL

- 17:00 **Surveillance for avian influenza in wild birds: an overview of strategies in Italy in 2017–18**
Francesca SCOLAMACCHIA (ITA)
- 17:15 **One health challenge: detection of a swine H1N2 influenza virus in commercial turkeys**
Ana Maria MORENO MARTIN (ITA)
- 17:30 **Characteristics of H5N8 highly pathogenic avian influenza epidemic waves in Italy in 2017**
Alessandra AZZOLINI (ITA)
- 17:45 **Revision of critical point in last phases of eradication plan in Sardinia**
Stefano CAPPAL (ITA), Sandro ROLESU (ITA)

Wednesday, August 29, 2018

08:30–10:00 Plenary session 4 – Keynote lectures 5 & 6

Venue: Lecture Hall “Hörsaal” B

Chair: María Luisa ARIAS NEIRA

08:30 African swine fever: The biggest threat of the European swine industry – what can we do?

José Manuel SÁNCHEZ-VIZCAÍNO (ESP)

09:15 Novel aspects in molecular biology of African swine fever virus

Thomas C. METTENLEITER (DEU)

10:30–12:00 Oral session 4

O4.1 Viral infections of Swine 1

Venue: Lecture Hall “Hörsaal” B

Chair: José Manuel SÁNCHEZ-VIZCAÍNO

10:30 Attenuated and non-haem adsorbing African swine fever (ASF) genotype II European isolate induces subclinical to chronic infection

Carmina GALLARDO FRONTAURA (ESP)

10:45 Comparative analysis of the central variable region of ASF virus genome of Russian isolates between 2013 and 2017

Alexey IGOLKIN (RUS), Alexandra ELSUKOVA (RUS)

11:00 Detection of astroviruses and hepatitis E virus in wild boars

Stefan VILCEK (SVK)

11:15 Identification of a new reassortant swine MRV3 during a PED outbreak in Italy

Lara CAVICCHIO (ITA)

11:30 Sequencing of the tandem repeat sequences (TRS) within the intergenic region between the multigene family 505 9R–10R genes: additional tool for subtyping genotype II African swine fever (ASF) isolates.

Carmina GALLARDO FRONTAURA (ESP)

11:45 Successive (sub) clinical rotavirus infections in young suckling and nursery piglets on conventional and high health closed Belgian pig farms

Sebastiaan THEUNS (BEL)

O4.2 Viral infections of Equines

Venue: Main Hall “Festsaal”

Chair: Stèphan ZIENTARA

10:30 The interplay between equine β -defensins and local viral pathogens in the horse’s respiratory tract

Jolien VAN CLEEMPUT (BEL)

10:45 Equine herpesvirus 1 bridges T-lymphocytes to reach its target organs

Katrien POELAERT (BEL)

11:00 Typical morphological and structural alterations in equine canker point to a viral infection – are papilloma viruses really the missing link?

Theresia LICKA (AUT)

11:15 The New Equine Virus (NEV): A lentivirus that has proteome identity with HIV-1

Alexandre VIEIRA-PIRES (PRT)

11:30 Serological evidence of horses’ infection with ZIKAV and DENV1 in French pacific islands

Cécile BECK (FRA)

11:45 Equine Coronavirus outbreaks in Austrian horse farms

Angelika AUER (AUT)

13:30–15:00 Oral session 5**05.1 Viral infections of Swine 2**

Venue: Lecture Hall “Hörsaal” B

Chair: Hans NAUWYNCK

- 13:30 Porcine blood T-lymphoblasts support the replication of porcine circovirus type 2**
Ruifang WEI (BEL)
- 13:45 Vaccination with a recombinant PCV2-ORF2 vaccine does not interfere with the efficacy of a modified live vaccine against PRRSV**
Armin SAALMÜLLER (AUT)
- 14:00 A recombinant strain from two genotype 1 PRRSV modified live vaccines shows increased replication and transmission in SPF pigs**
Julie ECLERCY (FRA)
- 14:15 PRRSV-infection induces T cells with an early effector phenotype in the foetal placenta**
Wilhelm GERNER (AUT), Andrea LADINIG (AUT)
- 14:30 Correlation of serological response after vaccination against FMDV and protection against challenge in pigs**
Phaedra EBLE (NLD)
- 14:45 The novel pestivirus species “LINDA virus”**
Benjamin LAMP (AUT)

05.2 Viral infections of Carnivores

Venue: Main Hall “Festsaal”

Chair: Till RÜMENAPF

- 13:30 Canine respiratory viruses in New Zealand**
Magdalena DUNOWSKA (NZL)
- 13:45 Mapping mutations related to cross species infection in canine distemper virus isolates from the Serengeti National Park**
Sara Louise COSBY (GBR)
- 14:00 Detection of a gE-deleted PRV strain in an Italian red fox**
Ana Maria MORENO MARTIN (ITA)
- 14:15 Inhibition of feline coronavirus replication by different antiviral molecules**
Sophie LE PODER (FRA)
- 14:30 Humoral immune responses to non-structural proteins of feline coronavirus**
Magdalena DUNOWSKA (NZL)
- 14:45 Clinical importance and molecular epidemiology of canine minute virus infections in dogs**
Vladimir STEVANOVIĆ (HRV)

15:00–16:15 Poster presentations 3 & 4**P3.1 Veterinary public health, epidemiology, risk assessment and modelling**

Venue: Building Lecture Hall “Hörsaal” A & B

- P 83. Development of a method for concentration and detection of infectious salmon anaemia virus from seawater**
Simon WELI (NOR)
- P 84. Empirical tool to estimate the costs to be incurred in case of ASF outbreaks eradication**
Marco SENSI (ITA)
- P 85. Establish well-differentiated airway epithelium models from harbor seals to study the course of infection by viral pathogens**
Dai-Lun SHIN (DEU)

- P 86. **Prevalence determination by using a non-fully characterized diagnostic test**
Andreas FRÖHLICH (DEU)
- P 87. **Survey of the Hungarian PRRSV diversity in 2016**
Zoltán ZÁDORI (HUN)
- P 88. **The results of AMR study of Mycobacteria bovis strains isolated in the central part of Russia and Siberia region**
Elena LISKOVA (RUS)
- P 89. **Enzootic bovine leukosis: Italy has been declared as officially free**
Francesco FELIZIANI (ITA)
- P 90. **Hepatitis E in Vojvodina Province, Serbia – an epidemiological overview and associated risk factors for humans and animals**
Diana LUPULOVIC (SCG)
- P 91. **West Nile virus in north-eastern Italy: overview of surveillance activities in 2017**
Giovanni CUNIAL (ITA)
- P 92. **Spatiotemporal characteristics of LSD epidemics in Samara region in 2016–2017**
Elena KOROGODINA (RUS), Olga KUSTIKOVA (RUS)
- P 93. **Prevalence of brucellosis in humans during the last decade in the Country of Georgia**
Mariam BROLADZE (GEO)
- P 94. **Case report – human anthrax meningitis in the Black Sea Coast, Country of Georgia**
Viktoria TAVADZE (GEO)

P4.1 Viral infections of Carnivores, Equines & Ruminants

Venue: Building Lecture Hall “Hörsaal” A & B

- P 95. **Feline retroviral infections (FeLV and FIV) and their effect on the bacterial blood pathogens detected in cats in the Czech Republic**
Dana LOBOVA (CZE)
- P 96. **Laboratory identification and characterization of equine gamma herpesviruses in the Czech Republic**
Dobromila MOLINKOVA (CZE)
- P 97. **Longitudinal study on epizootiology and genetic variability of equine arteritis virus in hucul horses**
Wojciech SOCHA (POL)
- P 98. **Investigation on the occurrence of small ruminant lentiviruses among wild ruminants**
Jacek KUZMAK (POL)
- P 99. **Asinine herpesvirus-3 (equine herpesvirus-8) associated neurological disease in a donkey**
Kees VAN MAANEN (NLD)
- P 100. **Development of an equine myeloid cell culture system for equine infectious anaemia virus (EIAV) isolation**
Bhudipa CHOUDHURY (GBR)
- P 101. **Molecular epidemiology of bovine viral diarrhoea virus in Slovenia: Data collected over twenty years**
Ivan TOPLAK (SVN)
- P 102. **Does vaccination of pregnant cows against bovine viral diarrhoea viruses confer foetal protection against Hobi-like Pestivirus infection?**
Ilaria BELFANTI (ITA)
- P 103. **Comparative analysis of bovine and caprine herpesvirus 1 infections in goats**
Guy KOUOKAM FOTSO (FRA)
- P 104. **Genotyping and phylogenetic analysis of bovine viral diarrhoea virus in metropolitan France**
Guy KOUOKAM FOTSO (FRA)
- P 105. **Digging out a 25-years old Astrovirus encephalitis case in a sheep by archive mining**
Céline BOUJON (CHE)

- P 106. Analysis of the serological response and intra-species and cross-species transmission after experimental infection of sheep and goats with Belgian small ruminant lentivirus strains**
Rodolphe MICHIELS (BEL)
- P 107. Detection of PPRV genome in body excretions of experimentally infected goats**
Satyanarayan PARIDA (GBR)
- P 108. An investigation on the molecular epidemiology of Neboviruses in Turkey**
Ilke KARAYEL HACIOGLU (TUR)
- P 109. Detection of viral agents associated with respiratory disease in calves**
Ilke KARAYEL HACIOGLU (TUR)
- P 110. Characterisation of a first bovine parainfluenza virus 3 isolate detected in cattle in Turkey**
Harun ALBAYRAK (TUR)
- P 111. Molecular investigation of the relationship between vector tick and host in lumpy skin disease**
Harun ALBAYRAK (TUR)
- P 112. A serological investigation of lumpy skin disease and Crimean-Congo hemorrhagic fever in domestic water buffalo (*Bubalus bubalis* Linnaeus, 1758) in Samsun Province of Northern Turkey**
Harun ALBAYRAK (TUR)
- P 113. Serological evidence of the first and newly isolated genotype C bovine parainfluenzavirus type -3 in archived ruminant sera in Turkey**
Harun ALBAYRAK (TUR)
- P 114. First molecular characterization of bovine papular stomatitis virus in Turkey**
Mehmet Ozkan TIMURKAN (TUR)
- P 115. Sacrifice Feast Disease (Ovine gammaherpesvirus-2) in cattle in Erzurum, Turkey**
Mehmet Ozkan TIMURKAN (TUR)
- P 116. Detection and molecular characterization of feline alphaherpesvirus 1 in Erzurum, Turkey**
Mehmet Ozkan TIMURKAN (TUR)
- P 117. Molecular diagnosis of respiratory viruses in Turkish cattle**
Kadir YESILBAG (TUR)
- P 118. Isolation and characterization of BoHV-1.2 in Turkish cattle**
Kadir YESILBAG (TUR)
- P 119. Possible causative agent in calf diarrhea: Aichivirus B**
Feray ALKAN (TUR)
- P 120. Inactivation of foot-and-mouth disease virus in tissue samples to ensure safe transport from infected premises to diagnostic laboratories**
Jacquelyn HORSINGTON (AUS)
- P 121. Discovery of diverse astroviruses in neglected ruminant species**
Ronja Veronique KAUER (CHE)
- P 122. Genetic characteristics of BVDV strains occurring in Poland in 2016–2018**
Paweł MIROŚLAW (POL)
- P 123. Molecular characterization of Italian strains of bovine leukaemia virus**
Francesco FELIZIANI (ITA)
- P 124. Prevalence and molecular epidemiology of bovine norovirus in Swedish dairy calves**
Madeleine TRÅVÉN (SWE)
- P 125. Carriage of bovine respiratory syncytial virus and bovine coronavirus in human nasal cavities and skin after exposure to virus**
Maria STOKSTAD (NOR), Thea Blystad KLEM (NOR)
- P 126. Concentration of viral RNA in serum of BVDV infected cattle**
Věra FICHTELOVÁ (CZE)

- P 127. **Blocking enzyme-linked immunosorbent assay for the detection of the antibodies specific to Akabane virus**
Yeon-Hee KIM (KOR)
- P 128. **Diagnostics of Peste des Petits Ruminants (PPR) virus by conventional RT-PCR in Georgia**
Nino VEPKHAVADZE (GEO)
- P 129. **Sheep and goat trade in Zambia and its implications on disease transmission**
Sara LYSHOLM (SWE)
- P 130. **First case of TSE in moose in Finland**
Ulla RIKULA (FIN)
- P 131. **Case report: Multiple cutaneous nodules in a dairy cow (LSD differential diagnosis)**
Andrea LUPPI (ITA), Davide LELLI (ITA)

P4.2 Viral infections of Swine, Birds, Fish & Bees

Venue: Building Lecture Hall "Hörsaal" A & B

- P 132. **Norovirus GII in faeces of healthy pigs in North-East Italy**
Giovanna RIZZO (ITA)
- P 133. **Surveillance of swine influenza A in Spain: white pigs, free-range Iberian pigs and wild boars**
Gustavo REAL SOLDEVILLA (ESP)
- P 134. **Expansion of the area of distribution of ASF in the Russian Federation in 2017**
Alexey IGOLKIN (RUS), Alexandra ELSUKOVA (RUS)
- P 135. **Ripening procedures influence the African swine fever virus survival in typical Italian pork products**
Francesco FELIZIANI (ITA)
- P 136. **Neurotropic viruses in pigs – focusing on congenital tremor and splay legs**
Hedvig STENBERG (SWE)
- P 137. **Whole-genome characterization of African swine fever viruses from Sardinia collected between 1978 and 2012**
Fredrik GRANBERG (SWE)
- P 138. **Evaluating the induced- African swine fever virus (ASFV) clinical infection by the interpretation of the laboratorial diagnostic results**
Verónica DELICADO LOSA (ESP)
- P 139. **African swine fever prevalence in Lithuania, 2014–2017**
Juozas GRIGAS (LTU), Arunas STANKEVICIUS (LTU)
- P 140. **African swine fever situation and diagnostic methods in Lithuania**
Simona PILEVICIENE (LTU)
- P 141. **Swine influenza virus seroprevalence in Umbria region (centre of Italy) and identification of circulating subtypes**
Silva COSTARELLI (ITA)
- P 142. **Comparison of the porcine epidemic diarrhea virus (PEDV) shedding in semen from infected specific pathogen-free boars (SPF) with a French S-InDel PEDV strain or a US S-non-InDel PEDV strain**
Sarah GALLIEN (FRA)
- P 143. **Characterization of a PCV2d-2 isolate by experimental infection of pigs**
Istvan KISS (HUN)
- P 144. **The detection, prevalence and disease association of novel porcine parvoviruses in European samples**
Paula LAGAN TREGASKIS (GBR)
- P 145. **Immunogenic potential of the ectodomains of the p30, p54 and CD2v proteins of the African swine fever virus**
Almaz IMATDINOV (RUS)
- P 146. **Impact of host genetics on the interaction of PCV2 with peripheral blood monocytes**
Ruifang WEI (BEL)

- P 147. Characterisation of the virome of specific pathogen-free and conventional pigs**
Anne-Lie BLOMSTRÖM (SWE)
- P 148. Transmission of fowl adenoviruses (FAdV) to broiler chickens in Sweden: horizontal spread predominates**
Ylva LINDGREN (SWE)
- P 149. Target enrichment NGS approach for generation of ASFV full-genome sequences**
Jan Hendrik FORTH (DEU)
- P 150. First detection of atypical porcine pestivirus in piglets with congenital tremor in Denmark**
Thomas Bruun RASMUSSEN (DNK)
- P 151. Performance of five commercial ELISA kits for detection of antibodies binding classical swine fever virus glycoprotein E2**
Tosca PLOEGAERT (NLD)
- P 152. Pigs vaccinated with BA71ΔCD2 and surviving the homologous challenge with BA71, are capable to efficiently resist further challenge with Kenya06, while prime-boosting with BA71ΔCD2 do not**
Elisabet LOPEZ FERNANDEZ (ESP)
- P 153. Full-length genome sequence of quail deltacoronavirus is more similar to porcine counterparts**
Katarzyna DOMANSKA-BLICHARZ (POL)
- P 154. Detection and genetic characterization of rotaviruses in Polish turkey flocks**
Katarzyna DOMANSKA-BLICHARZ (POL)
- P 155. Pathogenicity of H9N2 avian influenza virus for turkeys, quail and ducks**
Edyta ŚWIĘTON (POL)
- P 156. The identification and characterization of high impact avian viruses circulating in wild and domestic birds in Trinidad and Tobago, West Indies**
Chris OURA (TTO)
- P 157. Avian influenza in Serbia: epidemiological situation during 2016–2017**
Tamas PETROVIC (SRB), Dejan VIDANOVIC (SRB)
- P 158. Infectious bronchitis virus – neglected troublemaker in poultry**
Gordana NEDELJKOVIC (HRV)

16:15–17:45

Oral session 6

06.1 Viral infections of Ruminants 1

Venue: Lecture Hall “Hörsaal” B

Chair: Giovanni CATTOLI

16:15 Bluetongue virus serotype 8: infection kinetics of two European strains in sheep

John FLANNERY (GBR)

16:30 Vector competence: The role of viral proteins in transmission of bluetongue virus by midges

Piet A. VAN RIJN (NLD)

16:45 Widespread circulation of influenza D virus in Luxembourg

Chantal SNOECK (LUX)

17:00 Efficacy of a MAY 97 foot-and-mouth disease virus vaccine against heterologous challenge with a field virus from the emerging A/ASIA/G-VII lineage in cattle

Phaedra EBLE (NLD)

17:15 Molecular-genetic and biological characterization of lumpy skin disease virus isolated in Saratov region of Russia in 2017

Andrey KOLTSOV (RUS)

17:30 Pathological and molecular characterization of an unusual outbreak of Peste des Petits Ruminants (PPR) in Nubian ibex (*Capra nubiana*) in Israel

Oran ERSTER (ISR)

06.2 **Viral infections of Birds**

Venue: Main Hall “Festsaal”

Chair: Michael HESS

- 16:15 Primary chicken bursal cells: an in vitro alternative to in vivo infection that sheds new light on infectious bursal disease research**
Sébastien Mathieu SOUBIES (FRA)
- 16:30 Metagenomic identification of the virome associated with runting stunting syndrome in broiler chickens**
Victoria SMYTH (GBR)
- 16:45 Intergenomic comparison of an in vitro-attenuated FAdV-4 strain and its virulent counterpart provides substantial evidence for virulence modulation in fowl aviadenoviruses via adaptation of right-terminal genome contents**
Anna SCHACHNER (AUT)
- 17:00 Detection of a novel recombinant (QX-793/B) variant of infectious bronchitis virus, related to the Xindadi (XDN) type, following vaccination with a 793/B vaccine and field infection with IBV QX**
Ivana BILIC (AUT)
- 17:15 The microbiota modulates viral replication in ducks infected with a H5N9 highly pathogenic avian influenza virus**
Pierre BESSIERE (FRA)
- 17:30 Pathology and tropism of clade 2.3.4.4. H5 HPAI infection in ducks, France, 2016–2017: field and experimental data**
Jean-Luc GUERIN (FRA)

Thursday, August 30, 2018

09:00–10:30 Oral session 7

07.1 Viral infections of Ruminants 2

Venue: Lecture Hall “Hörsaal” B

Chair: Tamaš PETROVIĆ

09:00 Small ruminant morbillivirus V and C proteins inhibit the activity of the interferon-stimulated response element
Emelie TORSSON (SWE)

09:15 Identification of Peste des Petits Ruminants, Georgia
William G. DUNDON (AUT)

09:30 Imaging of BVDV host cell entry
Christiane RIEDEL (AUT)

09:45 A novel ovine picornavirus in lambs with polioencephalomyelitis
Leonie FORTH (DEU)

10:00 Antigenic relationships between the bluetongue virus outer coat protein VP2 from multiple serotypes, expressed in *Nicotiana benthamiana*
Petra FAY (GBR)

10:15 Bovine hepacivirus field infections: immune response, course of infection, and host tropism
Christine BÄCHLEIN (DEU)

07.2 Viral infections of Rodents and Lagomorphs; Viral infections of Fish and Bees

Venue: Main Hall “Festsaal”

Chair: Benjamin LAMP

09:00 Characterization and genetic diversity of lagoviruses collected in apparently healthy European hares (*Lepus europaeus*) and genetically distinct from European brown hare syndrome viruses (EBHSV)
Clément DROILLARD (FRA)

09:15 In vivo infection dynamics of deformed wing virus (DWV) in honeybees
Kerstin SEITZ (AUT)

09:30 First discovery of the Moku virus in Asian hornets and honeybees in Europe
Claude SAEGERMAN (BEL)

09:45 First detection of Lake Sinai virus in honeybees and bumblebees in Slovenia
Ivan TOPLAK (SVN)

10:00 The study of rotavirus phylogenetic diversity, re-assortment and interspecies transmission and associated virome in Northern Irish livestock and wildlife
Paula LAGAN TREGASKIS (GBR)

10:15 Exposing the secrets of the shrimp nephrocomplex (formerly known as “antennal gland”); a major portal of entry for White Spot Syndrome virus
Hans NAUWYNCK (BEL)

10:30–12:00 Closing ceremony

Lecture Hall “Hörsaal” B

Chairs: Emmanuel ALBINA, Wim VAN DER POEL, Norbert NOWOTNY, Till RÜMENAPF

Awards

General Assembly

Presentation of Candidates and Decision on the host of the next ESVV Conference

IMPRESSUM

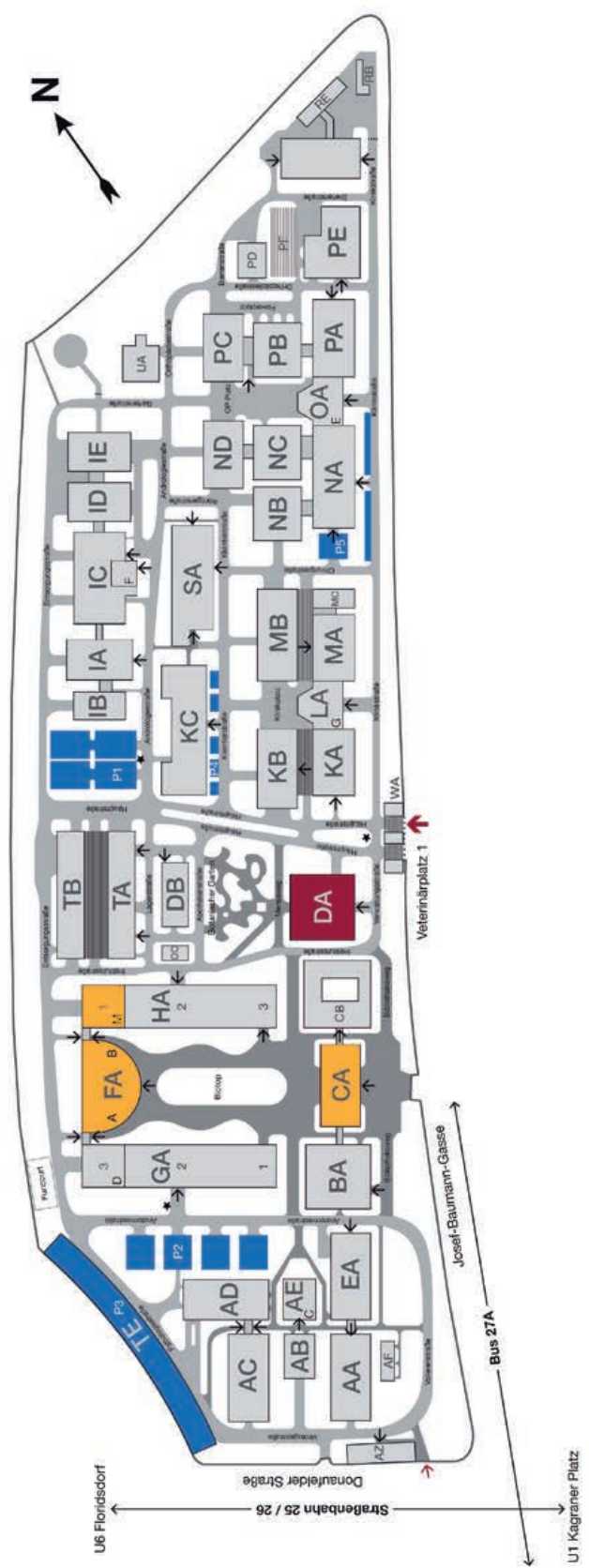
Grafische Gestaltung, Satzherstellung, Bildbearbeitung, Reinzeichnung, Print-PDFs: **Eckart Grafikdesign**, www.eckart.cc
Druck: **Bösmüller Print Management GesmbH & Co. KG**, 2000 Stockerau, Josef Sandhofer Straße 3, www.boesmueller.at



Dieses Druckwerk wurde nach der Richtlinie
„Druckerzeugnisse“ des Österreichischen
Umweltzeichens bei der Druckerei Bösmüller Print
Management GesmbH & Co KG (UW-Nr. 779) gedruckt.



Lageplan der Veterinärmedizinischen Universität Wien



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