Final Programme
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Dear colleagues,

On behalf of the Organizing Committee and the Scientific Committee, it is my great pleasure to welcome you, the delegates, partners, supporters, and guests, to Prague on the occasion of the 4th Congress of the European Association of Veterinary Laboratory Diagnosticians.

The biennial EAVLD Congress alternates with the Congress of the World Association of Veterinary Laboratory Diagnosticians. It brings together leading European veterinary laboratory diagnosticians and offers them a unique opportunity to report or to learn about latest scientific breakthroughs in diagnostic methods and to present or to hear overviews of novel technologies and their applications in the field.

We are proud to announce that over 170 abstracts have been submitted to the current Congress and approximately 300 attendees are expected, mainly from Europe, but also from other continents.

We believe that the Congress is a great opportunity for all of us to join other colleagues in mutual sharing of information and experience, and also a great opportunity to establish new collaborations, to extend our networks, and, perhaps, to make new friends.

We are happy that we can host this event in the Czech Republic, a small country in the heart of Europe, in the beautiful city of Prague on Vltava River. We hope that you can find a few moments between the sessions of the busy programme to stroll in the old town and to enjoy its atmosphere.

We would like to thank our sponsors for their financial support of the Congress and for the opportunity to learn about their developments and current offers of diagnostic tests and instruments. It would have been hardly possible to organize this event without their help.

Hosting this Congress is first such experience for us. We would like to thank the EAVLD that entrusted us with its organization, and especially its President and Board members, namely Miroslaw Polak and Willie Loeffen, for their valuable cooperation and guidance.

The C-IN company deserves a special recognition for the experience they contributed towards the organization of the Congress, and for their excellent management of technical, financial and organizational affairs of the Congress.

I hope that you will enjoy your staying in Prague, and that participating in the Congress will satisfy your needs of information exchange on recent developments in the field of veterinary laboratory diagnostics, and will possibly initiate new collaborations and friendships.

Pavel Barták
Director of SVI Jihlava
For the Organizing Committee
Dear colleagues,

Welcome to the 4th EAVLD congress in Prague. I hope that it will be an unforgettable experience for you as it was in the past and you will have a good chance to meet and chat with your old friends here, make new connections, and extend your contacts list in the network of laboratory diagnosticians. Due to the presence of so many sponsors you will also be able to follow the recent developments in diagnostic services, reagents and protocols to make your routine work more enjoyable and easier. I am sure you will spend your time here very efficiently.

I hope that you will find enough time to explore the beautiful city of Prague where the congress is held and this would be a memorable time for you. Don’t forget to visit Charles Bridge, Prague Castle and Old Town Square to name a few. For a change you can try a beverage for which the Czech Republic is well known all over the world and you will not regret its bitter taste. I promise!

Many thanks and warm words to Pavel Bartak and his team at State Veterinary Institute Jihlava for undertaking the organisation of the 4th EAVLD congress. Their commitment, professional approach and hard work in organising this congress will definitely make it a successful event, despite the limited time they had to prepare it.

At the meeting I will pass the presidency of EAVLD to Elena Bozzetta, current vice-president and also the president of SIDiLV, the Italian counterpart of EAVLD. I wish Elena all the best, plenty of new ideas and a satisfying time at her post.

Please get involved during the congress and don’t forget to attend the EAVLD General Meeting of the members which will be held on Tuesday 8 November at 17:00 – 18:00. Because the Board of EAVLD has modified the membership procedure and now every active congress participant becomes the member of EAVLD for two years, all of you are invited for this meeting. We are open to your ideas and each one will be carefully evaluated by the Board Members.

Miroslaw Polak
EAVLD President
Organisers

Státní veterinární ústav Jihlava (State Veterinary Institute Jihlava)

State Veterinary Institute Jihlava is a semi-budgetary organisation of the Ministry of Agriculture and a contemporary veterinary laboratory.

Our mission is to provide customers with accurate, rapid and cost-effective diagnostic and analytical services in line with the latest knowledge in the field, including professional interpretation of the results and consultations.

We offer a full range of diagnostic and preventive tests in the field of animal health, and chemical, microbiological, immunochemical, molecular biology and sensory analyses and tests of food, feed, cosmetics, biowaste, and environmental samples.

We work in close cooperation with government authorities in the surveillance of animal diseases, including zoonoses, and in the supervision of food safety and quality.

Our business has a wider projection towards ensuring animal health and welfare, consumer protection and public health.

www.svujihlava.cz

European Association of Veterinary Laboratory Diagnosticians

EAVLD is a non-profit, independent association with the mission of improving veterinary and public health by providing a platform for communication among veterinary laboratory diagnosticians and to promote the highest standards in European veterinary laboratories.

History:

In 2008 CoVetLab (www.covetlab.org) started an initiative to broaden collaboration on a European level. Modelling itself on the World Association of Veterinary Laboratory Diagnosticians (WAVLD) and the American Association of Veterinary Laboratory Diagnosticians (AAVLD), in April 2009 the European Association of Veterinary Laboratory Diagnosticians (EAVLD) was officially formed. The aim was to create an inclusive forum for veterinary laboratory scientists working in all disciplines across the full range of species.

Privileges and benefits:

• Member of an association that provides a platform that increases personal standards and standards of the laboratory of members in performing veterinary diagnostics.
• Possibility to contribute to improvement and standardization of veterinary diagnostic techniques.
• Discounted registration fees for attending the biennial EAVLD congress.
• At least 2 EAVLD newsletters per year by e-mail.
• Discounted subscription on Journal of Veterinary Diagnostic Investigation (hardcopy and/or digital edition).

LinkedIn:

EAVLD also has a LinkedIn group (www.linkedin.com/groups/EAVLD-4010747). Both members and non-members of EAVLD can become a member of this LinkedIn group and remain in contact with each other. However, members of the LinkedIn group do not have any of the other EAVLD membership privileges.

www.eavld.org
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Know-how
10 years expertise manufacturing top quality real-time PCR assays.

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Since its formation in 2006, Fast Track Diagnostics (FTD) has become established as one of the leading global suppliers of real-time PCR multiplexing kits. In 2017 FTD will launch a range of lyophilised assays for the detection of infectious diseases in companion animals. Our team of veterinarians and scientists works to assure FTD assays give you the most precise and accurate results in less than 2 hours.

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Enter a new era for animal diagnostic with the Biovet® and Luminex® Multiplex test kits!

Testing for several agents or multiple serotypes in one single assay

Multiplexed Fluorometric Immunoassays (MFIA) allows to simultaneously detect and differentiate antibodies to several diseases

Don’t miss this presentation!

Come to visit us at our booth #05

Tuesday, 8 November
13:00 - 14:00
Room: Nadir

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Committees

Scientific Committee

- **Steven Van Borm**, Molecular Platform Unit, Veterinary and Agrochemical Research Centre (CODA-CERVA), Uccle, Belgium
- **Vladimír Celer**, Department of Infectious Diseases and Microbiology, University of Veterinary and Pharmaceutical Sciences, Brno, Czech Republic
- **Franz Conraths**, Institute of Epidemiology, Friedrich-Loeffler-Institut (FLI), Insel Riems, Germany
- **Martin Faldyna**, Department of Immunology, Veterinary Research Institute, Brno, Czech Republic
- **Břetislav Koudela**, Department of Pathological Morphology and Parasitology, University of Veterinary and Pharmaceutical Sciences, Brno, Czech Republic
- **Petr Králiček**, Department of Food and Feed Safety, Veterinary Research Institute, Brno, Czech Republic
- **Willie Loeffen**, Department of Virology, Central Veterinary Institute (CVI), Lelystad, the Netherlands
- **Mirosław Paweł Polak**, Department of Virology, National Veterinary Research Institute (PIWet), Puławy, Poland
- **Petr Václavek**, State Veterinary Institute Jihlava, Czech Republic

Local Organising Committee

- **Pavel Barták**, State Veterinary Institute Jihlava, Czech Republic
- **Karol Račka**, State Veterinary Institute Jihlava, Czech Republic
- **Zbyněk Semerád**, State Veterinary Administration, Prague, Czech Republic
- **Petr Václavek**, State Veterinary Institute Jihlava, Czech Republic
- **Pavel Vodrážka**, State Veterinary Institute Jihlava, Czech Republic
Congress Topics

EAVLD is about all veterinary diagnostics in the broadest sense, across the full range of species.

The scope of the Congress is:

- Diagnostic methods of infectious and non-infectious animal diseases
- Diagnostic methods in food safety and zoonoses
- Development and validation of diagnostic methods
- Quality assurance and accreditation of diagnostic methods
- Laboratory management, automation, robotization and infrastructure
- Biosafety and biosecurity in veterinary laboratories
- Surveillance and molecular epidemiology of animal diseases
- Novel technologies in diagnostics
Diagnostic solutions - satellite symposium

Discover the latest innovative tools and best practices for mycobacterial animal pathogen diagnostics

**Date:** Monday, 7th November, 2016  **Time:** 12:45 am  **Location:** Room Nadir

The symposium is open to all EAVLD attendees. We look forward to seeing you there.
APHA Scientific ‘provides biological products and services to scientists around the world’

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fax: +44 (0) 1932 357701
email: aphascientific@apha.gsi.gov.uk

or visit our website: www.aphascientific.com
Congress Information

Congress venue
Clarion Congress Hotel Prague****
Address: Freyova 33, Prague 9 - Vysočany

Registration desk
Sunday, 6 November 17:00–19:30
Monday, 7 November 07:30–17:00
Tuesday, 8 November 08:00–19:00
Wednesday, 9 November 08:00–13:00

Telephone number to registration desk and congress hotline: +420 725 946 552.

EAVLD Member, EAVLD Non Member Registration Fee includes
- Access to all scientific sessions, poster session and exhibition area
- Congress materials
- Coffee breaks and lunches
- Welcome Evening at Congress venue on Sunday, 6 November
- Congress Dinner on Tuesday, 8 November
- Certificate of attendance via email
- EAVLD 2017 and 2018 Membership

Accompanying Person Fee includes
- Welcome Evening at Congress venue on Sunday, 6 November
- Congress Dinner on Tuesday, 8 November

Exhibition
Exhibition area is located at the Meridian room that is connected to the Zenit room holding the posters. You can visit the exhibition during these opening hours:
Sunday, 6 November 18:00–19:30
Monday, 7 November 07:30–17:00
Tuesday, 8 November 08:00–18:00
Wednesday, 9 November 08:00–14:00

Speakers Preview Room & Internet Corner
Room: Quadrant
Sunday, 6 November 17:00–19:00
Monday, 7 November 07:30–17:00
Tuesday, 8 November 08:00–18:00
Wednesday, 9 November 08:00–12:00

Please make sure to hand in your presentation at least 2 hours prior the start of your session.

Internet
Free Wi-Fi connection is available on the congress floor.
SSID: EAVLD 2016
Password: EAVLD2016

EAVLD General Meeting
Tuesday, 8 November, 17:00–18:00
Nadir meeting room
For EAVLD members only

Prize for best Poster and Oral Presentation
EAVLD will award prizes for the best oral presentation and the best poster.

Certificate of attendance
Certificate will be sent after the end of congress via email.

Congress badges
Delegates are kindly requested to wear their badge at all meetings and official congress functions.

Language
The congress language is English. No interpretation is provided.
Floorplan

Partners & Exhibitors:

#1 ZOETIS
#2 Cymedica
#3 IDEXX Livestock, Poultry and Dairy
#4 bioMérieux
#5 Biovet Inc.
#6 INGENASA
#7 GD Animal Health
#8 Thermo fisher Scientific
#9 Bio-X Diagnostics S.A.
#10 Testline Clinical Diagnostic s.r.o.
#11 QIAGEN
#12 APHA Scientific
#13 GeneReach Biotechnology Corp.

#14 Fast-track diagnostics
#15 Biogal Galed Labs Acs Ltd.
#16 HPST
#17 O.K. SERVIS BioPro s.r.o.
#18 LabMediaServis
#19 IDVET
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## Programme at a Glance

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Programme

Sunday, 6 November

17:00 Registration
18:00–19:30 Welcome Reception at the Exhibition Area

Monday, 7 November

7:30–8:30 Registration

1st Session: GENERAL SESSION

8:30–9:00 Opening Ceremony

9:00–9:45 Keynote Lecture: Identifying and diagnosing emerging infectious diseases in animals using sequencing-based approaches: Evolution or revolution?
Fredrik Granberg

9:45–12:00 ORAL PRESENTATIONS – ANIMAL DISEASES, BACTERIAL
Chairs: Báverud Viveca, Faldyna Martin

9:45–10:00 New variable number-tandem repeat (VNTR) locus of Mycobacterium avium subsp. paratuberculosis (MAP) improves genotyping discriminatory power
A. Fawzy, T. Eisenberg, C. Ewers, M. Zschöck

10:00–10:15 Development of a new real-time PCR test for the detection of Mycobacterium avium subsp. paratuberculosis (MAP)
C. Egli, M. Angelichio, M. Kahila, K. Velek, V. Leathers

10:15–10:45 Coffee Break and Poster Session

10:45–11:00 Environmental surveillance in an equine veterinary hospital in the UK identifies multiple SCCmec types of methicillin-resistant Staphylococcus aureus CC398
A. Bortolami, C. McGowan, P. Kelly, D. Archer, N. Williams, M. Corro, D. Timofte

11:00–11:15 Methicillin-resistant Staphylococcus pseudintermedius isolates in dogs with several clinical symptoms: an investigation in Italy
E. Grandolfo, G. Ventrella, A. Moodley, A. Parisi, L. Guardabassi, M. Corrente

11:15–11:30 Development of an indirect ELISA for detection of antibodies specific of Mycobacterium bovis in pigs and wild boars.
11:30–11:45 The use of synthetic oligosaccharides for serodiagnosis of brucellosis resolves false positive reactions and enables new DIVA vaccine approaches
J. McGiven, L. Duncombe, P. Hogarth, N.V. Ganesh, S.S. Mandal, S. Sarkar, J. Sadowska, D. Bundle

11:45–12:00 The theory of latent classes
A. Froehlich, B. Schauer

12:00–13:45 Lunch and Poster Session

12:45–13:45 Thermo Fisher Scientific Symposium

13:45–14:30 Keynote Lecture: Virus discovery and genetic characterization today
Martin Beer

13:45–16:45 ORAL PRESENTATIONS – ANIMAL DISEASES, VIRAL
Chairs: Loeffen Willie, Seuberlich Torsten

14:00–14:15 Molecular identification of porcine epidemic diarrhea virus (PEDV) in Spanish swine herds
A.A. Benito Zuñiga, J.L. Arnal Bernal, P.J. Gomez de Nova, J.D. Serrano Muro, G. Chacón Pérez, A.M. Carvajal Ureña

14:45–15:00 Multiplex detection of antibodies to bovine coronavirus and bovine respiratory syncytial virus in Norway: the pathway to eradication

14:30–14:45 Molecular identification of porcine epidemic diarrhea virus (PEDV) in Spanish swine herds
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14:45–15:00 Multiplex detection of antibodies to bovine coronavirus and bovine respiratory syncytial virus in Norway: the pathway to eradication

15:00–15:15 Characterization of three commercial IBR GE-ELISA kits on milk samples and applicability of milk for herd certification

15:15–15:30 Characterization of three commercial IBR GE-ELISA kits on milk samples and applicability of milk for herd certification

15:45–16:00 A duplex real-time PCR assay based on taqman technology for simultaneous detection and differentiation of canine adenovirus 1 and 2
G. Dowgier, V. Mari, M. Losurdo, V. Larocca, M.L. Colaianni, F. Cirone, M.S. Lucente, V. Martella, C. Buonavoglia, N. Decaro

16:00–16:15 Assessment of different samples to detect main swine respiratory pathogens
J.L. Arnal, A. Benito, A. Bello, G. Chacón, J.D. Serrano, C. Sanz, A. Fernández, R. Baselga

16:15–16:30 Characterization of rabbit hemorrhagic disease virus strains originating from outbreaks in the Russian federation between 2003 to 2015
G. Burmakina, N. Malogolovkina, A. Lunitsin, I. Titov, S. Tsybanov, A. Malogolovkin

16:30–16:45 Distribution of rabbit haemorrhagic disease virus variant 2 (RHDV2) in the UK – confirmed cases
M. Rocchi, M. Maley, M. Vicino, E. Laming, D. Turnbull, J. Baily, K. Ballingall, M. Dagleish

16:45–17:00 Departure for the Prague Guided Tour (17:00–21:00)
<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Details</th>
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<tbody>
<tr>
<td>8:30–9:15</td>
<td>Keynote Lecture: Bluetongue virus: everything flows</td>
<td>Giovanni Savini</td>
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<td>9:15–12:15</td>
<td><strong>ORAL PRESENTATIONS – VECTOR BORNE DISEASES and OTHER EMERGING DISEASES</strong></td>
<td>Chairs: Celer Vladimir, Polak Miroslaw P.</td>
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<td>9:30–9:45</td>
<td>What are the vector-borne pathogens present in the blood of french cattle? Results of a field study on 130 samples</td>
<td>C. Pelletier, M. Vayssier, C. Roy, J.L. Zonderland, E. Petit, E. Collin, P. Mathevet, E. Sellal</td>
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<td>9:45–10:00</td>
<td>Development of a Luminex immunoassay for the serological diagnosis of vesicular stomatitis and comparison with the virus neutralization test</td>
<td>A. Relmy, A. Romey, D. Toms, K. Gorna, S. Zientara, S. Swenson, S. Blaise-Boisseau, L. Bakkali-Kassimi</td>
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<td>10:00–10:30</td>
<td>Coffee Break and Poster Session</td>
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<td>10:45–11:00</td>
<td>Update on the prevalence of Anaplasma phagocytophilum infection in Scottish ruminants as detected by real time PCR</td>
<td>M. Rocchi, A. Gray, E. Laming, D. Turnbull, F. Chianini, M. Connelly, M. Maley</td>
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<td>11:00–11:15</td>
<td>A PCR DIVA test for the analysis of the 2010 sheeppox epizootic in Morocco</td>
<td>A. Haegeman, K. Zro, F. Vandenbussche, M. Ennaji, K. De Clercq</td>
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<td>11:45–12:00</td>
<td>Epidemiological survey of honeybee viruses during the season 2015 in the Czech Republic</td>
<td>J. Prodělalová, A. Foralová, R. Mouteliková, M. Kamler, D. Titěra</td>
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<td>12:15–14:00</td>
<td>Lunch and Poster Session</td>
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<td>Biovet Symposium</td>
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3rd Session:
FOOD SAFETY AND ZOONOTIC DISEASES

14:00–14:45  Keynote Lecture: Food Safety – Chasing the bad bugs in your food
Eva Olsson Engvall

14:45–17:00  ORAL PRESENTATIONS – FOOD SAFETY AND ZOONOTIC DISEASES
Chairs: Králík Petr, McGiven John

14:45–15:00  Prevalence of Clostridium difficile and Clostridium perfringens in a free-range pig processing plant
J.L. Blanco, S. Alvarez-Perez, R.J. Astorga, J. Gomez-Laguna, B. Barrero-Dominguez, A. Galan-Relaño, M.E. Garcia

15:00–15:15  Identification of pig farms with a high risk for Toxoplasma gondii using a combination of serological monitoring and auditing

15:15–15:30  Methods for sampling and identification of Campylobacter at dairy farms
I. Hansson, E. Lahti, S. Ferrari, E. Olsson Engvall

15:30–16:00  Coffee Break and Poster Session

16:00–16:15  Unusual PRP in Swiss cows shows biochemical similarities with BSE-associated PRP but does not induce a transmissible spongiform encephalopathy

16:15–16:30  First detection and characterization of rotavirus groups A and C in wild boar in the Czech Republic
R. Mouteliaková, J. Prodělalová, L. Dufková, J. Kamler, J. Drimaj, R. Pihal

16:30–16:45  Performance evaluation of a phase specific ELISA assay for serological diagnosis of Coxiella / Q-fever infections in humans and animals
A. Latz

16:45–17:00  Isolation of Clostridium difficile from children and dog sandboxes
J. Blanco, C. Orden, C. Neila S. Alvarez-Perez, C. Harmanus, E. Kujper, M. Garcia

17:00–18:00  EAVLD General Meeting (EAVLD members only)

## Wednesday, 9 November

### 4th Session: NEW ADVANCES IN DIAGNOSTIC TECHNIQUES

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Keynote Speakers

**Fredrik Granberg, PhD**  
(Swedish University of Agricultural Sciences, Uppsala, Sweden)

**Lecture:** Identifying and diagnosing emerging infectious diseases in animals using sequencing-based approaches: Evolution or revolution?  
**Monday, 7 November, 9:00 – 9:45**

Dr. Fredrik Granberg has more than 15 years’ experience in infectious diseases and pathogen-host cell interactions and is the Research Coordinator for the Section of Virology at the Swedish University of Agricultural Sciences. The Section constitutes, together with the Swedish National Veterinary Institute, the World Organisation for Animal Health (Office International des Epizooties; OIE) Collaborating Centre for Biotechnology-based Diagnosis of Infectious Diseases in Veterinary Medicine. He has participated in a number of international research projects, most recently AniBioThreat (aimed at increased preparedness against biological threats), and Epi-SEQ (for improved molecular epidemiology of epizootic diseases using next-generation sequencing technology). He is also currently a member of the OIE ad hoc group on “High-throughput sequencing, bioinformatics and computational genomics”. His research mainly focuses on two areas: (i) the understanding of host-pathogen relationships, and (ii) the detection of previously unknown infectious agents (including new variants of already identified) using novel and emerging technologies.

**Prof. Dr. Martin Beer**  
(Head of The Institute of Diagnostic Virology, Friedrich-Loeffler-Institut (FLI), Greifswald-Insel Riems, Germany)

**Lecture:** Virus discovery and genetic characterization today  
**Monday, 7 November, 13:45 – 14:30**  
CV not available

**Prof. Giovanni Savini**  
(Head of the Virology, OIE BT Reference Laboratory, Unit IZS Teramo, Italy)

**Lecture:** Bluetongue virus: everything flow  
**Tuesday, 8 November, 8:30 – 9:15**

Giovanni Savini, DVM-PhD is the head of the Virology Unit of the Istituto Zooprofilattico Sperimentale dell’Abruzzo e Molise (IZSAM). In 2005 he was appointed as Bluetongue expert by the World Organization for Animal Health (OIE) and the Department which leads became the OIE Reference Laboratory for Bluetongue. His research activities are focused on viral diseases of animals that affect international trade and public health, including Bluetongue, African horse sickness, and West Nile fever. In 2011 he was included by the European Commission in the EU Veterinary Emergency Team. Since 2012 he is the editor in chief of the peer-reviewed international journal “Veterinaria Italiana”. He has served as a Bluetongue expert to numerous organizations including the European Union and the Italian Ministry of Health. On July 4th 2014, he was appointed as Scientific Director of the IZSAM.
Prof. Eva Olsson Engvall
(Former Head of EURL Campylobacter, National Veterinary Institute, Uppsala, Sweden)

**Lecture:** Food Safety – Chasing the bad bugs in your food

**Tuesday, 8 November, 14:00–14:45**

Eva Olsson Engvall is a veterinarian, PhD and Associate professor in Bacteriology. Her research activities have mainly focused on infectious diseases in animals and food borne zoonoses and she has worked with the development and validation of analytical methods for bacterial pathogens. For many years she has worked with diagnostics at the department of Bacteriology and also at the Swedish Zoonosis Center at the National Veterinary Institute (SVA) in Uppsala. She has been lecturing veterinary students and been supervisor for PhD students at the Swedish University of Agricultural Sciences (SLU) where she has been adjunct professor. She was Head of the EU Reference Laboratory (EURL) for Campylobacter in 2006–2015. Eva has participated in several EU projects, i.e. MedVetNet and AniBioThreat and in working groups for the European Food Safety Authority (EFSA). She is affiliated as senior scientist at the department of Medical Biochemistry and Microbiology at Uppsala University.

Dr. Donald King
(Head of the Vesicular Disease Reference Laboratory Group and leads the Food and Agriculture Organisation (FAO), World Reference Laboratory for foot-and-mouth disease (WRLFMD), Pirbright, United Kingdom)

**Lecture:** Imagining new ways to diagnose and monitor livestock disease

**Wednesday, 9 November, 8:30–9:15**

Dr Don King is Head of the Foot-and-Mouth Disease Reference Laboratory at The Pirbright Institute. Prior to joining the Institute in 2002, he worked at The University of California, Davis (USA [1993 – 2000]) and the AHVLA (Weybridge, UK [2000 – 2002]). He is interested in the development of new diagnostic tests to diagnose transboundary livestock diseases such as FMD, and the application of these tools to enhance the global surveillance and control of these diseases. Don currently leads applied research projects funded by UK Government and participates on European collaborative projects that aim to develop new diagnostic tools (Rapidia-Field: www.rapidia.eu), and to use next-generation sequencing approaches for molecular epidemiology (Epi-Seq: www.episeq.eu). He also participates in a Wellcome Trust-funded project (SACIDS: www.sacids.org) to monitor the distribution and spread of FMD in Southern and East Africa. He is an OIE expert for foot-and-mouth disease and swine vesicular disease (since 2013) and an Associate Editor for the Journal of Virological Methods.
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Company Symposia

Thermo Fisher Scientific Symposium

Monday, 7 November, 12:45 – 13:45

Diagnostic solutions for mycobacterial animal pathogens – Innovative tools and best practices

During the symposium attendees will hear about field experience from a French customer and the validation of a new qPCR kit for the detection of Mycobacterium tuberculosis complex. Our experts will also share valuable techniques and approaches for mycobacterial animal pathogen diagnostics.

12:45 Welcome from Thermo Fisher Scientific
Gaëlle Ranaldi, Thermo Fisher Scientific, Lyon – France

12:55 Overview on mycobacterial animal pathogens and innovative diagnostic solutions
Dr. Björn Schröder, Thermo Fisher Scientific, Schlieren Zurich – Switzerland

13:10 Improvement of tuberculosis bovine diagnostic during the last 6 years and field validation of a new qPCR kit
Dr. Vet Med Jean Louis Moyen, Laboratoire Départemental d’Analyse et de Recherche, Coulounieix-Chamiers – France

13:30 Discussion – Q&A

BIOVET Symposium

Tuesday, 8 November, 13:00 – 14:00

Enter a new era for animal diagnostic with the Biovet® and Luminex® Multiplex test kits!

Speakers: Dr. Rene Lallier, DVM, MBA and Dr. Wim Schielen
Testing for several agents or multiple serotypes in one single assay. Multiplexed Fluorometric Immunoassays (MFIA) allows to simultaneously detect and differentiate antibodies to several diseases.
Company Profiles

Gold Partners

**Booth Nr. 8**

**Exhibitor Name:** Thermo Fisher Scientific

Contact Person: Gaelle Ranaldi

Telephone: +33 6 12 56 19 13

Email: gaelle.ranaldi@thermofisher.com

Website: www.thermofisher.com/animalhealth

Thermo Fisher Scientific is the world leader in serving science. Through our Applied Biosystems™ brand, we deliver diagnostic tools and services to help address some of the most economically important farm animal diseases. This includes a combination of PCR and ELISA diagnostic kits, universal sample prep solutions and master mixes.

**Booth Nr. 5**

**Exhibitor Name:** Biovet Inc.

Contact Person: René Lallier

Telephone: +1 450-771-7291

Email: order@biovet-inc.com

Website: www.biovet.ca

Biovet Inc. develops, manufactures and markets Multiplex serology, ELISA animal diagnostic kits and brand new qPCR product line. Additionally, Biovet provides animal health and agro-industry specialists with a unique expertise in the diagnostic field. Biovet operates certified laboratories offering a complete array of innovative diagnostic services for veterinarians.

**Booth Nr. 2**

**Exhibitor Name:** Cymedica

Contact Person: MVDr. Aleš Krajča

Telephone: +420 311 706 211

Email: info@cymedica.cz

Website: www.cymedica.com

Livestock and poultry producers, laboratories, veterinarians and dairy processors depend on IDEXX diagnostic technologies to make confident decisions about animal health, disease management and reproductive efficiency, and to ensure consumers have access to safe, healthy food and milk. Reproducibility, reliability and accuracy are three of the reasons why more than 1 billion IDEXX tests – including dairy residue tests and milk-based diagnostics – have been run worldwide since 1985. For more information, please visit our website at www.idexx.com/production.

Biotech Company specialized in Diagnostics. We develop, manufacture and sale the biggest range of diagnostic products for Animal Health management. Our main goal is to develop test applying the latest innovations made on the diagnosis area, not only using the latest platforms, but also the highest quality of reagents.

World leader in the field of in vitro diagnostics for 50 years, bioMérieux is a daily partner of veterinary laboratories to fight against antimicrobial resistance, fertility and emerging animal diseases, providing the widest range of solutions, tools and services to improve productivity and quality that contribute to optimizing veterinary diagnostic laboratory performance every day.

Zoetis is a global animal health company dedicated to supporting its customers and their businesses in ever better ways. Building on more than 60 years of experience, we have earned our position as the world leader in the discovery, development, manufacture and marketing of veterinary vaccines and medicines.
## Silver Partners

**Booth Nr.**  11  
**Exhibitor Name:** QIAGEN  
**Contact Person:** Oliver Sasse  
**Telephone:** +493411245427  
**Email:** oliver.sasse@qiagen.com  
**Website:** www.qiagen.com

QIAGEN is the leading global provider of Sample to Insight solutions to transform biological materials into valuable molecular insights. Our mission is to make improvements in life possible by enabling our customers to achieve outstanding success and breakthroughs in life sciences research, applied testing (forensics, veterinary testing and food safety), pharma and molecular diagnostics.

**Booth Nr.**  9  
**Exhibitor Name:** Bio-X Diagnostics S.A.  
**Contact Person:** Annita Ginter  
**Telephone:** +32 84 32 23 77 / +32 495 51 90 61  
**Email:** a.ginter@biox.com  
**Website:** www.biox.com

Bio-X Diagnostics was founded with a commitment to offer to veterinary testing laboratories reliable, performant and affordable diagnostic tools, based on ELISA and IFA (Immunofluorescence Assay) technologies. The integration of ADIAGENE to Bio-X Diagnostics is a natural and logical step in its development; the complementary of products (PCR kits) and know-how of team members ensures a high quality service for professionals in the animal health sector.

**Booth Nr.**  12  
**Exhibitor Name:** APHA Scientific – Animal and Plant Health Agency  
**Contact Person:** Claudio Busato  
**Telephone:** +44 (0)2080 269544  
**Email:** aphascientific@apha.gsi.gov.uk  
**Website:** www.aphascientific.com

The Animal and Plant Health Agency (APHA) develops commercial products and services that are available to organisations globally. The products and services include biological reagents, diagnostic kits, proficiency testing schemes, research and development, a unique cell characterisation service, laboratory testing and an extensive range of wildlife and plant health expertise.

**Booth Nr.**  7  
**Exhibitor Name:** GD Animal Health  
**Contact Person:** Annemiek Kolkman  
**Telephone:** +31 (0)570 66 04 75  
**Email:** a.kolkman@gdanimalhealth.com  
**Website:** www.gdanimalhealth.com

GD Animal Health is a leading organization, unique in combining animal health expertise, R&D and diagnostics to offer a total solution. Amongst our customers are the veterinary laboratories and test-kit manufacturers to whom we provide diagnostics, proficiency testing schemes, a wide range of biological reagents, our GD Academy and various R&D work.
Since its formation in 2006, Fast Track Diagnostics (FTD) has become established as one of the leading global suppliers of real-time PCR multiplexing kits. This year and for the first time, FTD will launch a veterinary line with 7 different kits to detect feline and canine infectious diseases.

**Bronze Partners**

**Booth Nr. 23**

**Exhibitor Name:** EXOPOL S.L.

- **Contact Person:** Clara Baselga
- **Telephone:** +34 603475650
- **Email:** cbaselga@exopol.com
- **Website:** www.exopol.com/en/

EXOPOL is a biotechnology company based in Zaragoza (Spain) since 1993, created with the aim of developing quality diagnosis and solutions for animal health through scientific research.

**Booth Nr. 25**

**Exhibitor Name:** Boehringer Ingelheim Svanova

- **Contact Person:** Claudia Lindh
- **Telephone:** +46 702 031 684
- **Email:** claudia.lindh@boehringer-ingelheim.com
- **Website:** www.svanova.com

Boehringer Ingelheim Svanova develops high quality diagnostics for detection of antibodies to viruses, bacteria, parasites and mycoplasmas in various animal species. Svanova has created veterinary diagnostic solutions for over 25 years that contribute to the control of infectious diseases in more than 70 countries worldwide.

**Booth Nr. 21**

**Exhibitor Name:** BIOSELLAL

- **Contact Person:** Eric Sellal
- **Telephone:** +33 (0)4 26 78 47 60
- **Email:** contact@biosellal.com
- **Website:** www.biosellal.com

Founded in 2014, BioSellal is a veterinary diagnostic company which develops innovative and flexible solutions for animal pathogens diagnosis. Our high quality products and services ensure you success in your analysis, from sampling to final result. A French team, with rich and varied experiences, will listen and understand your needs and ensure an appropriate response.
Since 1987, EUROIMMUN is an international provider of medical laboratory diagnostics for autoimmune and infectious diseases as well as allergology. The portfolio encompasses immunofluorescence, EUSA, immunoblot, radioimmunoassay and microarray. Based on its expertise, EUROIMMUN started producing in vitro diagnostics for veterinary medicine. State-of-the-art instruments and software provide efficient automation solutions.

O.K.SERVIS BioPro is a Czech private company representing world leading manufactures of Animal Health, Food Safety and Life Science diagnostics and reagents in Czech and Slovak republics. Our mission is to provide our customers complete solutions matching their needs and fitting to their scientific and diagnostic purpose. Beside active sales and application service we provide flexible logistic support from our local stock.

Kylt® PCR Kits are in-vitro diagnostics for bacterial and viral pathogens in poultry and swine. Made in Germany by AniCon, Kylt® products provide ease of use, reliability and highest sensitivity and accuracy. Discover how Kylt® can facilitate your diagnostic routine! Visit www.kylt.eu
Exhibitors

Booth Nr. 16
Exhibitor Name: HPST, authorized distributor of Agilent Technologies
Contact Person: Daniela Trsova
Telephone: +420 244 001 231
Email: info@hpst.cz
Website: www.hpst.cz

HPST is the authorized distributor of Agilent Technologies for the Czech Republic in the fields of chromatography and mass spectrometry, dissolution apparatus, molecular and atomic spectroscopy, and molecular and cell biology. HPST also ensures wide range of maintenance services, regularly holds software and hardware trainings and develops methods and application.

Booth Nr. 10
Exhibitor Name: TestLine Clinical Diagnostics s.r.o.
Contact Person: MVDr. Ivo Hofmann, CSc.
Telephone: +420 605 86 38 45
Email: trade@testlinecd.com
Website: www.testlinecd.com

The company was established in 1993. It has been dedicated to the development and manufacture of high quality diagnostic products for both human and veterinary use. The company is now proud to be the major manufacturer and distributor of clinical diagnostics in the Czech Republic and Slovakia. TestLine was incorporated into the BioVendor group in 2012. Our mission is to lead with new innovations using the traditional as well as most advanced and modern technologies while sustaining the highest diagnostic standards.

Booth Nr. 15
Exhibitor Name: Biogal Galed Labs Acs Ltd.
Contact Person: Amos Gershony
Telephone: +972 4 9898605
Email: amos@biogal.co.il
Website: www.biogal.co.il

Biogal markets diagnostic tools for companion and farm animals:
1. PCRun, a point of care PCR kit, for Canine Leptospira, Leishmania, Ehrlichia, Parvo Virus, Anaplasma, Babesia canis and gibsoni, Feline Mycoplasma, Panleukopenia. The reaction is performed in 75 minutes.

The ImmunoComb is a quick, simple and portable ELISA kit.

Booth Nr. 13
Exhibitor Name: GeneReach Biotechnology Corp.
Contact Person: Caroline Chang
Telephone: +886-4-2463-9869
Email: sales@genereach.com
Website: www.genereach.com

GeneReach Biotechnology Corporation, an ISO 9001, ISO 13485, and GMP compliant company that has developed the one and only OIE-certified PCR diagnostic system. Our core technology is DNA/RNA detection, and we are dedicated to providing a total solution for molecular diagnostics.
Table Tops

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Social Programme

Welcome Evening

Sunday, 6 November, 18:00–19:30
Location: Congress venue – Exhibition area
Dress code: smart casual
All congress participants are cordially invited to take part in the Welcome evening which will be held at congress venue in the exhibition area. The evening is conceived as informal opportunity to greet colleagues. Light cocktail refreshment will be served.

Guided tour of Prague

Monday, 7 November, 17:00–21:00
Please kindly note THIS IS A WALKING TOUR!
The tour starts and ends at Clarion Congress Hotel Prague with English speaking guide. Bus transfer will be provided.
The insightful historical tour lets you enjoy the beautiful sights and views. You will have an opportunity to see Prague Castle (Hradčany), registered as the biggest castle complex in the world. It established itself as the spiritual centre of the Bohemian sovereigns from 9th century and since 1918 (foundation of Czechoslovakia) it has served as the residence of presidents. The tour starts at the Lesser Quarter, than you will cross the famous Charles Bridge and continue to discover remarkable monuments in the Old Town area.

Congress dinner at Plzeňská Restaurant in Municipal House

Tuesday, 8 November, 19:30–22:30
Address: Municipal House, Náměstí Republiky 5, Prague 1
Dress code: smart casual
Gala dinner will take place in the original Pilsner restaurant situated in the basement of the Municipal House, famous Art Nouveau building in the very city centre of Prague. The Municipal House was built at the place of the former Royal Court in 1912 to celebrate the Czech nation. It is a representative building which for its splendour and beautiful decorations is one of the jewels of Prague architecture. Participants will have possibility to enjoy traditional Czech cuisine.
Transfer: will not be provided, the Municipal House is easily accessible by public transportation, congress secretariat staff will be happy to explain the journey.
The Municipal House is situated on “Náměstí Republiky” metro station, direct line from “Vysočanská” metro station. In the metro please follow exit signs “Náměstí Republiky” and “Obecní dům”. The Municipal House is just few steps from the metro. The journey from the venue to the restaurant will take approximately 25 minutes.
Practical Information

Accommodation
Should you need any help with accommodation booked through the Congress Secretariat, please contact staff at registration desk.

Currency / Exchange
The Czech currency is called the Czech crown (CZK). Banknotes are circulated in values of 5 000, 2 000, 1 000, 500, 200, 100 crowns with coins valued as 50, 20, 10, 5, 2 and 1 crowns. Exchange offices are located throughout the city centre (exchange offices, banks, post offices). It is advised to exchange money in banks rather than in the highstreet exchange offices. The approximate exchange rate € 1 = 27 CZK. For up-to date exchange rates please visit www.cnb.cz

Emergency numbers
112 General emergency number
The number can be used for urgent help from Police, Fire brigade or Emergency medical assistance, though the following numbers can also be dialed directly:

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<td>Fire</td>
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<td>Medical Emergency [Ambulance/First aid]</td>
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<td>City Prague police</td>
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<tr>
<td>158</td>
<td>Police</td>
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Taxi
When taking a taxi, make sure the taxi is equipped with a permanently installed yellow roof lamp with the TAXI sign in black letters. The registration number, company name and the price per kilometer and one-minute-waiting rate must be displayed on both front doors with the prices set on the meter inside the cab. Participants are recommended to order a taxi with non-stop dispatching office where the information on fares is available in advance, for example:


Common rates vary from 20 to 28 CZK per kilometre (approximately 0,75 to 1,1 EUR per kilometre).

Time difference
The Czech Republic is in the Central European Time Zone. Central European Time (CET) is 1 hour ahead of Greenwich Mean Time (GMT+1). After last Sunday in March the time in the Czech Republic is shifted back by 1 hour to Central European Time and this lasts until the end of September.

Tipping
Service is almost always included in hotel and restaurant bills. A further tip of a few coins is appropriate. Typically, the tipping in restaurants would be around 5–10%, tourist guide 10%.

Transportation
The public transportation in Prague is very easy and efficient; the journey to the city centre from the Conference venue takes about 5 minutes by metro – line C (venue is located just few steps from metro stop “Vyšehrad”, city centre stop “Muzeum”).

Metro-The Prague Metro network consists of 3 lines designated by letters and differentiated in colour: A – green colour, B – yellow colour, C – red colour, with transfers possible at Museum station (lines A and C), Mustek station (lines A and B), Florenc station (lines B and C). Metro operates daily from 5:00 to 24:00.

Trams-Daytime operation is from 4:30 to 24:00. Night time operation is from 00:30 to 4:30 and is provided by tram numbers 51 to 58 with traffic intervals 30 minutes. The central transfer-station for night time lines is Lazarska stop. Tram schedules are located at individual stops.

Buses-The daytime and night time operation of buses is similar to tram operation. Night time service is provided by bus numbers 501 to 514. Bus schedules are located at individual stops.

Fares-Basic ticket 32 CZK, Short-term ticket 24 CZK. The Basic ticket is valid for 90 minutes after marking. A short-term ticket is valid for 30 minutes after marking. See this www.dpp.cz/en for full details on fares, fees and conditions.
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