



## **Emerging Infectious Diseases of Animals: Strategies in Surveillance, Control and Eradication**

Danubius Hotel Flamenco in Budapest, Hungary  
September 28-30, 2016

Emerging infectious diseases (EID) challenge the health of domestic and wild animals and humans. EID may spread easily, irrespective of political and geographic borders. Uncontrolled spread is fostered by the increased global movement of domestic animals and food produced from animals, as well as by vectors such as humans, wild animals, intermediate hosts, and contaminated materials of all kind. Other factors, such as climate change, might also play a role.

Outbreaks of diseases in livestock have a significant impact on national economies, individual's livelihood and quality of life, as well as on the global safety and security of food products.

Although there is significant progress being made in developing new vaccines against a wide range of animal diseases, emerging infections and transboundary spread still pose specific challenges in terms of surveillance, control and eradication.

The purpose of the meeting to be held in the beautiful city of Budapest, on September 28-30, 2016 is to provide an update on the identification, tracking and control of emerging infectious diseases of animals. State-of-the-art lectures will discuss licensing procedures for novel vaccines for emergency use, novel surveillance, diagnostic and control strategies, as well the environmental factors affecting disease outbreak and spread. The meeting is designed to bring together subject matter experts from academia, industry as well as national and international regulatory agencies.

The meeting is co-organized by IABS (International Alliance for Biological Standardization), Geneva, Switzerland; the National Food Chain Safety Office Directorate of Veterinary Medicinal products, Budapest, Hungary; and the Paul-Ehrlich-Institut, Langen, Germany.

# Day 1 – Wednesday, September 28, 2016

- 13:00 - 14:00 **Registration**
- 14:00 – 14:05 Opening,  
**Gábor Kulcsár**, *National Food Chain Office, Directorate of Veterinary Medicinal Products, Hungary*
- 14:05 – 14:40 Welcome  
Ensuring food safety in Hungary: role and duties of National Food Chain Safety Office with special attention to emerging infectious diseases of animals: strategies in surveillance, control and eradication  
**Lajos Bognár**, *Chief Veterinary Officer, Ministry of Agriculture, Hungary*

## Session 1

### The global situation and the influencing environmental factors on emerging infectious diseases

#### **Moderators:**

**Rick. E. Hill**, IABS

**Vaughn Kubiak**, Veterinary Medicine Research & Development, Zoetis, Belgium

- 14:40 - 15:00 The global situation and the influencing environmental factors on emerging infectious diseases and food security/safety: EU aspects  
**Francisco Javier Reviriego Gordejo**, *Head of Sector Disease Control and Identification, European Commission, DG Santé G2*
- 15:00 - 15:20 The global situation and the influencing environmental factors on emerging infectious diseases and food security/safety: US aspects  
**Patricia Bright**, *US Geological Survey-Environmental Health, Virginia, USA*
- 15:20 – 15:40 Are we prepared for the next emerging disease?  
**Franz Conraths**, *Friedrich-Loeffler-Institut (FLI), Germany*
- 15:40 – 16:10 **Coffee Break**
- 16:10 – 16:30 Control of Avian Influenza – The Italian experience  
**Paolo Mulatti**, *Istituto Zooprofilattico Sperimentale delle Venezie, Italy*
- 16:30 – 16:50 ASP and its way through Asia and towards Europe  
**Anton Gerilovych**, *National Veterinary Research Institute, Ukraine*
- 16:50 – 17:10 The aquatic situation  
**Melba B. Reantaso**, *Food and Agriculture Organization of the United Nations (FAO), Italy*
- 17:10 – 17:40 **Discussion**

# Day 2 – Thursday, September 29, 2016

## Session 2

### Experience with disease control and (new) surveillance strategies

#### **Moderators:**

**Akos Jozwiak** National Food Chain, Office Directorate of Veterinary Medicinal Products, Hungary

**Jurgen Richt**, Kansas State University, College of Veterinary Medicine, U.S.A.

- 09:00 – 09:20 Emerging diseases and impact on trade: examples from the Americas  
**Rick E. Hill**, IABS

- 09:20 – 09:40 Trade non-US aspect, Example FMD  
**Bryan Charleston**, *The Pirbright Institute, United Kingdom*
- 09:40 – 10:00 Modelling of disease spread  
**Simon More**, *University College Dublin, Ireland; Chair, European Food Safety Authority*
- 10:00 – 10:20 Risk assessment of infectious animal diseases  
**Caroline Probst**, *Friedrich-Loeffler-Institut (FLI), Germany*
- 10:20 – 10:50 **Coffee Break**
- 10:50 – 11:10 Lessons learnt: HPAI US 2014-15  
**Lee Ann Thomas**, *Department of Agriculture, Animal and Plant Health Inspection Service, USA*
- 11:10 – 11:30 Vaccination strategies HPAI  
**David Suarez**, *Agriculture Research Service, U.S. Department of Agriculture, USA*
- 11:30 – 11:50 The aquatic situation: disease control / prevention  
**Dusan Palic**, *Faculty of Veterinary Medicine, Ludwig-Maximilians University, Germany*
- 11:50 – 12:10 New trends and achievements in molecular diagnostic virology and infection biology  
**Fredrik Granberg**, *The Swedish University of Agricultural Sciences, BVF, Sweden*
- 12:10 – 12:40 **Discussion**
- 12:40 – 14:10 **Lunch**

### **Session 3**

#### **Licensing / availability of vaccines and diagnostic tools in emergency situations: experiences, needs and outlook**

##### **Moderators:**

**Gabor Kulcsar**, National Food Chain Office, Directorate of Veterinary Medicinal Products, Hungary  
**Franz Conraths**, Friedrich-Loeffler-Institut (FLI), Germany

- 14:10 – 14:30 EMA / EU experiences  
**Miia Jakava-Viljanen**, *European Medicines Agency, United Kingdom*
- 14:30 – 14:50 US experience  
**Bruce Carter**, *US Department of Agriculture, Center for Veterinary Biologics, Animal and Plant Health Inspection Service, U.S.A.*
- 14:50 – 15:10 Australia / Pacific experience  
**James Gilkerson**, *Faculty of Veterinary and Agricultural Sciences, University of Melbourne, Australia*
- 15:10 – 15:30 *Diagnostics: need and availability*  
**Jean-Louis Hunault**, *Diagnostics for Animals, France*
- 15:30 – 16:00 **Coffee Break**
- 16:00 – 16:20 Experience from manufacturer, large global: Blue tongue  
**Jacques Léchenet**, *Merial, France*
- 16:20 – 16:40 Experience from manufacturer, large global  
**Vaughn Kubiak**, *Veterinary Medicine Research & Development, Zoetis, Belgium*
- 16:40 – 17:00 The role of platforms: interface with regulations - The IMI-ZAPI Project  
**Joris Vandeputte**, *IMI-ZAPI, WP 5 Leader*
- 17:00 – 17:30 **Discussion**

# Day 3 – Friday, September 30, 2016

## Session 4

### Panel discussion, conclusions and recommendations

#### Moderators:

**Joris Vandeputte**, IMI-ZAPI, WP 5 Leader

**Lee Ann Thomas**, Department of Agriculture, Animal and Plant Health Inspection Service, USA

09:00 – 09:45 Summary of the sessions and the discussions

#### **Moderators of the sessions**

09:45 – 10:30 Preparatory presentations for the panel discussion

**Attila Farsang**, *NFC SO Directorate of Veterinary, Medicinal Products, Hungary*

**Carmen Jungbäck**, *Head of the Section Veterinary Virology 1, Paul-Ehrlich-Institut, Germany*

10:30 – 11:00 **Coffee Break**

11:00 – 12:00 Plenary / Panel discussion

- How to be prepared for an outbreak
- International communication
- Epidemiological models
- How to control the spread of EID
- Legal provisions
- Availability of vaccines (platforms; mock-ups; incentives for industry; antigen banks) and diagnostic tools
- Which institution may provide sufficient funding for such research?
- Availability of facilities for EID research
- How can we increase response time to EID outbreaks

12:00 – 12:45 Conclusions and Recommendations

12:45 – 13:00 Closing Remarks

13:00 End of conference