



International Alliance for
Biological Standardization



World Organisation
for Animal Health
Founded as OIE

Vaccination and Surveillance for High Pathogenicity Avian Influenza in poultry: Current Situation and Perspectives

October 22-23, 2024

WOAH, Paris

Hybrid meeting

High Pathogenicity Avian Influenza (HPAI) in poultry, wild birds, wildlife mammals, and now even livestock, is a global challenge. The spread of the H5Nx 2.3.4.4b lineage of HPAI is now threatening to become truly global. Whilst the epidemiological situation differs across continents, veterinary authorities and the poultry industry all over the world must deal with a new situation where trade and production are constantly threatened by a virus that is entrenched in wild birds and parts of the poultry population, making a renewed approach necessary.

Wider use of avian influenza vaccination could increase chances for sustainable poultry production, improve animal welfare, reduce economic damage, limit human infections, contribute to the protection of wildlife and increase consumers and animal welfare acceptance of control programs. Although fully compatible with the World Organisation for Animal Health's (WOAH) standards, poultry vaccination creates new challenges in surveillance and trade.

In the wake of the World Organisation of Animal Health's Forum, held during WOA's General Session in May 2023, and the IABS October 2022 workshop on HPAI vaccination, WOA and IABS are announcing a follow-up meeting in October 2024: Vaccination and Surveillance for HPAI in poultry: Current situation and perspectives.

This workshop is intended to discuss how to implement surveillance in vaccinated populations to ensure safe and fair trade and will also touch upon further aspects of HPAI vaccination.

The workshop will be reviewing all the existing data with participation by a wide variety of stakeholders (WHO, OFFLU, FAO, WTO, governments, poultry breeding and biological companies, animal welfare organizations, human health, scientists, etc) and will be concluded by a panel establishing recommendations.

SCIENTIFIC COMMITTEE

Arjan **Stegeman**, Utrecht University, Netherlands (Co-Chair)
Olivier **Espeisse**, IABS Chair, France
Celia **Abolnik**, University of Pretoria, South Africa
Madhur **Dingra**, FAO, Italy
Timm **Harder**, FLI, Germany
Rick **Hill**, IABS President, USA
Khaled **Hussein**, Almarai, Saudi Arabia
Jeremy **Ho**, Agriculture, Fisheries and Conservation
Department, Hong Kong
Carmen **Jungbäck**, IABS, France

Nicholas **Lyons**, FAO, Italy
Gounalan **Pavade**, WOAHA (Co-Chair), France
Isabella **Monne**, EURL-IZSVE, Italy
Erica **Spackman**, USDA, USA
Barbara **Storck**, Moorgut Kartzfehn, Germany
David **Suarez**, USDA, USA
David **Swayne**, Birdflu Veterinarian LLC, USA
Sjaak **de Wit**, GD Deventer, Netherlands
Cristobal **Zepeda**, USDA, USA

ORGANIZING COMMITTEE

Arjan **Stegeman**, Utrecht University, Netherlands (Co-Chair)
Olivier **Espeisse**, IABS Chair, France
David **Swayne**, Birdflu Veterinarian LLC, USA

Gounalan **Pavade**, WOAHA (Co-Chair), France
Madinina **Cox**, Events Manager, IABS/MC'Com, France

AGENDA

TUESDAY 22 OF OCTOBER, 2024

9.00am Official welcomes from IABS & WOAHA
Emmanuelle Soubeyran, WOAHA, France
Rick Hill, IABS, U.S.A.

9.10am Welcome by FAO
Amy Delgado, FAO, Italy

SESSION 1 – Introduction to the meeting including objectives and expected outcomes

Moderator: Arjan Stegeman and Gounalan Pavade

9.15am Conclusions and recommendations from October 2022 IABS meeting
David Swayne, Birdflu Veterinarian LLC, U.S.A.

9.30am Progress in support, dialog and implementation of vaccination
Gounalan Pavade, WOAHA, Paris

9.45am Setting the scene; Global development of HPAI during the last two years.
Ian Brown, The Pirbright Institute, United Kingdom

10.15am Meeting objectives and expected outcomes
Arjan Stegeman, Utrecht University, Netherlands

10.45am *Morning tea / coffee*

SESSION 2 – Tools for monitoring and surveillance in vaccinated poultry populations

Moderator: Timm Harder and Isabella Monne

11.15am Fit for purpose diagnostic tools for monitoring and surveillance in vaccinated populations
David Suarez, USDA, U.S.A.

11.30am Role of antibody detection (DIVA) in surveillance for freedom from HPAI and diagnostic tools to assess the effectiveness of vaccination
Timm Harder, FLI, Germany

11.45am Optimizing surveillance for virus detection in vaccinated populations: dead bird, environmental or hybrid sampling systems
Jean-Luc Guérin, UMR IHAP, France

12.00pm Surveillance for detection and assessment of virus evolution to inform vaccination programs including vaccine selection and updates
Isabella Monne, EURL-IZSVE, Italy

12.15pm *Lunch Break*

1.00pm Panel discussion with the audience

SESSION 3 – Field experiences on surveillance in vaccinated populations

Moderator: Sjaak de Wit and Jeremy Ho

2.00pm France
Béatrice Grasland, ANSES, France

2.15pm The Netherlands
Sjaak de Wit, GD Deventer, Netherlands

2.30pm Uruguay
Gonzalo Simone, Dirección General de Servicios Ganaderos, Ministerio de Ganadería Agricultura y Pesca, Uruguay

2.45pm Indonesia – **Teguh Yodiantara Prajitno**, Jpafa Comfeed, Indonesia

3.00pm China – **Hualan Chen**, Harbin Veterinary Research Institute (Virtual)

3.15pm Hong-Kong - **Jeremy Ho**, Agriculture, Fisheries and Conservation Department

3.30pm *Afternoon tea/coffee*

4.00pm Panel discussion with the audience on country experiences

5.00pm *End of the day*

WEDNESDAY 23 OF OCTOBER, 2024

SESSION 4 – Surveillance and Trade: Risk Assessment

Moderator: Barbara Storck and Khaled Hussein

- 8.30am** Concepts of surveillance for early warning and demonstration of disease freedom in vaccinated populations
Angus Cameron, EpiMundi, France
- 8.50am** Sensitivity of surveillance programs in vaccinated poultry populations
Jose Gonzales, WBVR, Netherlands
Oriana Beemer, USDA, U.S.A.
- 9.20am** Vaccination of poultry against HPAI, Surveillance and Mitigation Measures
Francesca Baldinelli, EFSA, Italy
- 9.35am** Cost benefit assessment of surveillance (affordable/sustainable, who pays)
Damian Tago Pacheco, F.A.O, Italy
- 9.50am** What public health should gain from surveillance for HPAI in vaccinated poultry
Ron Fouchier, Erasmus Medical Center, Netherlands (Virtual)
- 10.05am** Morning tea/coffee
- 10.35am** Panel discussion with the audience

SESSION 5 – Surveillance and Trade: Risk Management

Moderator: Celia Abolnik and Nicholas Lyons

- 11.35am** Assuring science-based measures against HPAI – The risk management perspective
Katharina Stark, Federal Food Safety and Veterinary Office, Switzerland
- 11.55am** Government consideration on compartmentalization
Christine Middlemiss, UK CVO, DEFRA
- 12.10pm** Practical issues around compartmentalization
Kate Hayes, Aviagen, USA
- 12.25pm** Lunch Break
- 1.30pm** Surveillance in vaccinated populations and safe trade, different perspectives (exporting country perspective, importing country perspective, industry perspective) – 15 minutes/presentation

Nadia Khaldoune, AVEC EU Poultry, Belgium
Nicolas Ponçon, Deputy Head of International Affairs, DGAL, France
Francisco Reviriego-Gorderjo, EU Commission
Kaltham Kayaf, Ministry of Climate Change and Environment, UAE (TBC)
Yukitake Okamura, MAFF, Japan

Tze Hoong Chua, National Parks Animal & Veterinary Service, Singapore (Virtual)

3.00pm *Afternoon tea/coffee*

3.30pm Panel discussion with the audience

SESSION 6 – Conclusions and recommendations

Moderator: Arjan Stegeman and David Swayne

4.30pm Conclusions and recommendations

5.00pm *End of the day and closing by IABS & WOAH*