



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

October 22-23, 2024

WOAH, Paris

Preliminary program

High Pathogenicity Avian Influenza (HPAI) in poultry, wild birds and wildlife mammals 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 is 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 would increase 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 WOAHA standards, poultry vaccination creates new challenges in surveillance and trade.

In the wake of the World Organization for Animal Health's (WOAH) Animal Health Forum, held during WOAHA's General Session in May 2023, and the IABS October 2022 workshop on HPAI, WOAHA 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 and all further aspects touching 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 / Organizing Committee

Arjan **Stegeman**, Utrecht University of Netherlands (Co-Chair)
Olivier **Espeisse**, IABS Chair
Celia **Abolnik**, University of Pretoria
Madhur **Dingra**, FAO
Timm **Harder**, FLI
Khaled **Hussein**, Almarai
Jeremy **Ho**, Agriculture, Fisheries and Conservation Department
Nicholas **Lyons**, FAO
Isabella **Monne**, EURL-IZSVE

Gounalan **Pavade**, WOAHA (Co-Chair)
Madinina **Cox**, Events Manager, IABS/MC'Com
Erica **Spackman**, USDA
Barbara **Storck**, Moorgut Kartzfehn
David **Suarez**, USDA
David **Swayne**, Birdflu Veterinarian LLC
Sjaak **de Wit**, GD Deventer
Cristobal **Zepeda**, USDA

PROVISIONAL AGENDA

TUESDAY 22 OF OCTOBER, 2024

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

Moderator: Arjan Stegeman

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|----------------|---|
| 9.00am | Official welcomes from IABS & WOAHA |
| 9.10am | Welcome by FAO |
| 9.15am | Conclusions and recommendations from previous 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
Ian Brown , APHA, United Kingdom |
| 10.15am | Meeting objectives and expected outcomes
Arjan Stegeman , Utrecht University, Netherlands |
| 10.45am | <i>Morning tea / coffee</i> |

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

Moderator: *Timm Harder*

- 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, Italia
- 12.15pm** Interactive panel discussion of the speakers
- 1.00pm** *Lunch Break*

SESSION 3 – Field experiences on surveillance in vaccinated populations

Moderator: *Sjaak de Wit*

- 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** Asia (2-3 presentations)
- 3.30pm** *Afternoon tea/coffee*
- 4.15pm** Panel discussion with the audience on country experiences
- 5.00pm** *End of the day*

WEDNESDAY 23 OF OCTOBER, 2024

SESSION 4 – Surveillance and Trade

Moderator: *Barbara Storck*

- 9.00am** Concepts of surveillance for early warning and demonstration of disease freedom in vaccinated populations
Angus Cameron, Ausvet, France
- 9.30am** Sensitivity of surveillance programs in vaccinated poultry populations
Jose Gonzales, EFSA, Netherlands & **Rosemary Sifford**, USDA, U.S.A.
- 10.00am** Surveillance in vaccinated populations and safe trade, different perspectives (exporting country perspective, importing country perspective, industry perspective)
- Nadia Khaldoune**, AVEC EU Poultry, Belgium
Alberto Torres, Cobb-Vantress, U.S.A.
Karen Bucher, French Ministry of Agriculture and Food, France
Francisco Reviriego-Gordejo, Head of Animal Health Unit, DG Health, EU Commission
- 11.00am** Morning tea/coffee
- 11.30am** Interactive panel discussion of the speakers
- 12.30pm** *Lunch Break*

SESSION 5 – Surveillance and national & international policies

Moderator : *Celia Abolnik*

- 1.30pm** Risk Assessment of surveillance to inform policy
Katharina Stark, Federal Food Safety and Veterinary Office, Switzerland
- 2.00pm** Compartmentalization and zoning for vaccinated populations and the impact of surveillance
Etienne Bonbon, European Commission, WOAHC Code Commission
- 2.15pm** Practical issues around compartmentalization
- 2.30pm** Cost benefit assessment of surveillance (affordable/sustainable, who pays)
Damian Tacho Pacheo, F.A.O, Italia
- 2.45pm** What public health should gain from surveillance for HPAI in vaccinated poultry
Cornelia Aldhoch, European Centre for Disease Prevention and Control, Sweden

3.00pm Interactive panel discussion of the speakers

3.30pm *Afternoon tea/coffee*

SESSION 6 – Conclusions and recommendations

Moderator: Arjan Stegeman

4.00pm Conclusions and recommendations

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