



## **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, 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 WOAH's General Session in May 2023, and the IABS October 2022 workshop on HPAI vaccination, WOAH 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 & Organizing 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**, WOAH (Co-Chair), France

Isabella **Monne**, EURL-IZSVE, Italy

Madinina **Cox**, Events Manager, IABS/MC'Com, France

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

## PROVISIONAL AGENDA

### TUESDAY 22 OF OCTOBER, 2024

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

*Moderator: Arjan Stegeman and Gounalan Pavade*

<b>9.00am</b>	Official welcomes from IABS & WOAH
<b>9.10am</b>	Welcome by FAO
<b>9.15am</b>	Conclusions and recommendations from October 2022 IABS meeting <b>David Swayne</b> , Birdflu Veterinarian LLC, U.S.A.
<b>9.30am</b>	Progress in support, dialog and implementation of vaccination <b>Gounalan Pavade</b> , WOAH, Paris
<b>9.45am</b>	Setting the scene; Global development of HPAI during the last two years. <b>Ian Brown</b> , APHA, United Kingdom
<b>10.15am</b>	Meeting objectives and expected outcomes <b>Arjan Stegeman</b> , Utrecht University, Netherlands
<b>10.45am</b>	<i>Morning tea / coffee</i>

## 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, Italia
- 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**, Animal Health & Livestock Equipment, Indonesia
- 3.00pm China – **Hualan Chen**, Harbin Veterinary Research Institute
- 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

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### SESSION 4 – Surveillance and Trade

*Moderator: Barbara Storck and Khaled Hussein*

- 9.00am** Concepts of surveillance for early warning and demonstration of disease freedom in vaccinated populations  
**Angus Cameron**, Ausvet, France
- 9.20am** Sensitivity of surveillance programs in vaccinated poultry populations  
**Jose Gonzales**, WBVR, Netherlands & **Rosemary Sifford**, USDA, U.S.A.
- 9.50am** Surveillance in vaccinated populations and safe trade, different perspectives (exporting country perspective, importing country perspective, industry perspective)
- Nadia Khaldoune**, AVEC EU Poultry, Belgium  
**Karen Bucher**, DGAL, Ministry of Agriculture, France (TBC)  
**Francisco Reviriego-Gorderjo**, Head of Animal Health Unit, DG Health, EU Commission  
**Sanad Al-Harbi**, Saudi Arabia CVO (TBC)  
**Masatsugu Okita**, Japan CVO
- 11.00am** Morning tea/coffee
- 11.30am** Panel discussion with the audience
- 12.30pm** *Lunch Break*

### SESSION 5 – Surveillance and national & international policies

*Moderator : Celia Abolnik and Nicholas Lyons*

- 1.30pm** Risk Assessment of surveillance to inform policy  
**Katharina Stark**, Federal Food Safety and Veterinary Office, Switzerland
- 1.50pm** Government consideration on compartmentalization  
**Christine Middlemiss**, UK CVO, DEFRA
- 2.10pm**

- Practical issues around compartmentalization  
**Alberto Torres**, Cobb-Vantress, U.S.A.
- 2.30pm** Cost benefit assessment of surveillance (affordable/sustainable, who pays)  
**Damian Tago Pacheco**, F.A.O, Italia
- 2.50pm** What public health should gain from surveillance for HPAI in vaccinated poultry  
**Cornelia Adlhoch**, European Centre for Disease Prevention and Control, Sweden
- 3.10pm** *Afternoon tea/coffee*
- 3.40pm** Panel discussion with the audience

## **SESSION 6 – Conclusions and recommendations**

*Moderator: Arjan Stegeman and David Swayne*

- 4.30pm** Conclusions and recommendations
- 5.30pm** *End of the day and closing by IABS & WOA*