



International Alliance for
Biological Standardization

Vaccination Strategies to prevent and control HPAI: Removing unnecessary barriers for usage

Venue: WOAHP Headquarter, Paris

Date : October 25-26, 2022

Scientific Committee:

- **David Swayne**, USDA, USA - chair
- **Carmen Jungbäck**, IABS-EU, Germany
- **Sjaak de Wit**, GD Deventer, European College of Poultry Veterinary Science, The Netherlands
- **Gounalan Pavade**, OIE, France
- **Madhur Dhingra**, FAO, Italy
- **Richard Webby**, WHO Collaborating Center for Influenza, USA
- **Les Sims**, consultant veterinarian in Asia, Australia
- **Connie Schmellik-Sandage**, USDA, USA
- **Ian Brown**, APHA & OFFLU, UK
- **David Zeman**, AAVLD, USA
- **Timm Harder**, FLI, Germany

Organizing Committee

- **Rick Hill**, IABS, USA
- **Olivier Espeisse**, H4A, France
- **Carmen Jungbäck**, IABS, Germany
- **Madinina Cox**, IABS, France



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TUESDAY 25 OF OCTOBER, 2022

SESSION 1: INTRODUCTION TO THE MEETING INCLUDING OBJECTIVES AND EXPECTED OUTPUTS/INCOMES

Moderator: Sjaak de Wit

- 09:00 – 09:05** Welcome from IABS - **Rick Hill**, *President IABS, USA*
- 09:05 – 09:10** Welcome from WOAHA – **Monique Eloit**, *General Director, WOAHA, France*
- 09:10 – 09:15** Welcome from FAO - **Madhur Dhingra**, *Head of EMPRES-AH, FAO, Italy*
- 09:15 – 09:45** Vaccine usage to control high pathogenicity avian influenza and barriers to more effective usage: Setting the scene – **David Swayne**, *Department of Agriculture, USA*

SESSION 2: PREVENTIVE VACCINATION IN PLACES WHERE VIRUS IS NOT ENDEMIC IN POULTRY AND MAINTAINING FREEDOM FROM INFECTION IN POULTRY IS THE GOAL

Moderator: David Swayne

- 09:45 – 10:15** Factors that inhibit usage of preventive vaccination and ways to overcome them – **Les Sims**, *Asia Pacific Veterinary Information Services, Australia*
- 10:15 – 10:35** **Trade in poultry and poultry products from places where vaccine is being used**
- 10:15 – 10:25** The current avian influenza code chapter and use of vaccination as preventive or emergency measure – **Etienne Bonbon**, *President of the OIE Terrestrial Animal Health Commission, Italy*
- 10:25 – 10:35** Vaccination Rules in EU – **Moritz Klemm**, *Team Leader: Animal Diseases and International, European Commission, Belgium*
- 10:35 – 11:00** **Morning Tea / Coffee**
- 11:00 – 11:40** **Challenges of vaccine availability**
- 11:00 – 11:30** Vaccines available and systems for usage in the field – **Erica Spackman**, *Department of Agriculture, USA*
- 11:30 – 11:40** Biological industry challenges to developing, registering (including updating strains), and making vaccines available for HPAI control – **Carel du Marchie**, *Health for Animals, France*



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- 11:40 – 12:20** **Surveillance for HPAIV in Vaccinated Populations**
- 11:40 – 12:10** Developing appropriate surveillance systems that provide confidence that HPAI virus is not circulating in poultry – **Timm Harder**, *Fredrick Loeffler Institute, Germany*
- 12:10 – 12:20** What do we have in the commercially available toolbox now and what are the advantages and disadvantages of existing systems – **Sjaak de Wit**, *President of the European College of Poultry Veterinary Science, The Netherlands*
- 12:20 – 12:30** Public Health considerations of avian vaccination – **Richard Webby**, *St Jude's Children's Hospital, USA*
- 12:30 – 01:30** **Lunch**
- 01:30 – 02:30** Facilitated Panel Discussion/ Hypothetical Vaccination Scenarios for preventive vaccination in poultry (including free-range chickens) in a country with zero tolerance for HPAI virus infection
- Panel-Facilitator:** **Vaughn Kubiak**, *IABS, France*
Panelists (5-6):
1. **Wim Pelgrim** – *Chief Veterinary Officer of the Netherlands, The Netherlands*
 2. **Giovanni Cattoli** – *International Atomic Energy Agency, Austria*
 3. **Moritz Klemm** – *Team Leader: Animal Diseases and International, EU Commission, Belgium*
 4. **Jeremy Ho** – *Agriculture, Fisheries and Conservation Department, Hong Kong*
 5. **Emmanuelle Soubeyran** – *Chief Veterinary Officer, France*
 6. **Francesco Bonfante** – *IZSve, Padova, Italy*
- 02:30 – 03:30** Five Breakout groups to discuss and analyse the options presented and propose alternatives
- 03:30 – 03:50** **Afternoon Tea**
- 03:50 – 05:00** Break out group presentations (5 x 10 mins and final deliberations/summation by the panel (20 minutes)
- 05:00 – 05:15** Conclusions from Day 1 – **Ian Brown**, *Animal and Plant Health Agency, United Kingdom*

End of Day 1



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WEDNESDAY 26th OF OCTOBER, 2022

SESSION 3: VACCINATION FOR OUTBREAK CONTROL IN COUNTRIES WHERE VIRUS IS NOT ENDEMIC IN POULTRY AND THE GOAL IS MAINTAINING/REGAINING FREEDOM FROM INFECTION

Moderator: Les Sims

- 09:00 – 09:10** Brief introduction by organizers
- 09:10 – 09:40** **Why use vaccination as a control measure and not just use stamping out?**
- 09:10 – 09:25** Avian Influenza vaccination field experience especially for emergency use – **Carol Cardona**, *University of Minnesota, USA*
- 09:25 – 09:40** Emergency vaccination in control of other transboundary animal pathogens and relevance to avian influenza – **Arjan Stegeman**, *Utrecht University, The Netherlands*
- 09:40 – 09:50** **Global Trade issues**
- 09:40 – 09:50** WTO perspective of avian influenza and trade in poultry products – **Christiane Wolff**, *Secretary of SPSS Committee of the World Trade Organization (WTO), Switzerland*
- 09:50 – 10:20** Options for vaccines for emergency use including Mass Applied Vaccines and Pharmaceutical intervention options available and what might be developed – **Ian Brown**, *DeltaFlu Research Consortium, United Kingdom*
- 10:20 – 10:45** **Morning Tea/Coffee**
- 10:45 – 11:45** Case Study. A practical exercise – emergency vaccination in mega-layer farms in the face of an outbreak (pre- and post-outbreak) in a country that is/was free from infection and wants to regain freedom from infection in poultry
- Panel-Facilitator: Vaughn Kubiak, IABS, France**
1. **Julie L. Gauthier** – *Department of Agriculture, USA*
 2. **Mathias Voss** – *EU Poultry Veterinarians Study Group, Germany*
 3. **Geetha Srinivas** – *USDA, Center for Veterinary Biologics, USA*
 4. **Carol Cardona** – *Poultry Veterinarian, USA*
 5. **Dr Peter Wijnen** – *Private Poultry Veterinarian, The Netherlands*
 6. **Guillermo Zavala** - *Private Poultry Veterinarian, Latin America*
- 11:45 – 12:45** Break-out Groups



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Lunch

12:45 – 01:45

01:45 – 03:00

Case Study Continues - Reports from Breakout Group

03:00 – 03:30

Afternoon Tea/Coffee

SESSION 4: VACCINATION IN PLACES WHERE VIRUS IS ENDEMIC

03:30 – 04:45

Series of four short presentations. Experiences from countries with endemic infection where vaccination has been used against HPAI

03:30 – 03:45

China (**Hualan Chen**, *China; virtual*)

03:45 – 04:00

Latin America (**Guillermo Zavala**, *Private Poultry Veterinarian, Latin America*)

04:00 – 04:15

Indonesia (**Hendra Wibawa**, *Indonesia*)

04:15 – 04:30

Egypt (**Arafa Abdelsatar**, *RLQP, Egypt*)

04:30 – 04:45

Questions from audience on how to improve the process (15 minutes)

SESSION 5: SUMMARY SESSIONS, CONCLUSIONS AND RECOMMENDATIONS

04:45 – 05:30

Conclusions and Recommendations

Summary session including next steps and conclusions and recommendations
Moderators of the sessions 10' each:

1. **Sjaak de Wit**
2. **David Swayne**
3. **Les Sims**
4. **Ian Brown**

05:30

End of Conference