



International Alliance for
Biological Standardization

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

Venue: OIE 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
- Sophie Von Dobschuetz, FAO, Italy
- Richard Webby, WHO Collaborating Center for Influenza, USA
- Les Sims, consultant veterinarian in Asia, Australia
- Marisa Peyre, CIRAD, France
- 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
- Philippe Sabot, IABS, France
- 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, Vice-President IABS - ***Rick Hill, Vice-President IABS***
- 09:05 – 09:10** Welcome from OIE
- 09:10 – 09:15** Welcome from FAO - ***Madhur Dhingra, Head of EMPRES-AH, FAO***
- 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 – ***Etienne Bonbon, President of the OIE Terrestrial Animal Health Commission***
- 10:25 – 10:35** Vaccination Rules in EU
- 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**
- 01:20 – 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:** **Vaugh Kubiak**, *France*
Panelists (5-6):
1. **Giovanni Cattoli**, *International Atomic Energy Agency, Austria*
 2. **Masatsuga Okita**, *Chief Veterinary Officer, Japan*
 3. **Jeremy Ho**, *Agriculture, Fisheries and Conservation Department, Hong Kong*
 4. **Emmanuelle Soubeyran**, *Chief Veterinary Officer, France*
- 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 mins)
- 05:50 – 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
- 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** **Trade issues relevant to emergency vaccination in places previously free from infection**
- 09:40 – 09:50** OIE code and interpretation – **Etienne Bonbon**, *President of the OIE Terrestrial Animal Health Commission*
- 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**, *France*
1. **Julie L. Gauthier** - *Department of Agriculture, USA*
 2. **Guillermo Zavala** - *Private Poultry Veterinarian, Latin America*
- 11:45 – 12:45** Break-out Groups
- 12:45 – 01:45** ***Lunch***
- 01:45 – 03:00** Case Study Continues - Reports from Breakout Group
- 03:00 – 03:30** ***Afternoon Tea/Coffee***



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SESSION 4: VACCINATION IN PLACES WHERE VIRUS IS ENDEMIC

- 03:30 – 04:45** Series of four short presentations – with questions from the floor
- 03:30 – 03:45**
- 03:45 – 04:00** Indonesia
- 04:00 – 04:15** Egypt
- 04:15 – 04:30** Latin America – *Guillermo Zavala, Private Poultry Veterinarian, Latin America*
- 04:30 – 04:45** Questions from audience on how to improve the process

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*