



Food and Agriculture
Organization of the
United Nations

FAO Global Conference on

Animal Health Innovation, Reference Centres and Vaccines

23–25 September 2024

FAO headquarters, Rome (Italy)

PROGRAMME



FAO Global Conference on Animal Health Innovation, Reference Centres and Vaccines, 23-25 September 2024

Improving animal health for sustainable livestock transformation and One Health implementation

Programme

DAY 1	Monday 23 September 2024	Red Room
Time	Topics	
08:00-09:30	Arrival of participants	
09:30-09:45	Welcoming and opening address <i>QU Dongyu</i> (Director-General, FAO)	
09:45-09:50	Video 1: International visions in advancing animal health	
09:50-10:20	High-level ministerial session <i>Rwamirama Bright Kanyontore</i> , Minister of State for Agriculture, Animal Industry and Fisheries, Uganda <i>Alka Upadhyaya</i> , Secretary, Department of Animal Husbandry and Dairying, Government of India <i>Girma Amente</i> , Minister of Agriculture Ethiopia	
Session 1	Setting the scene: International visions in advancing animal health	
10:20-10:30	Empowering animal health actors to face global challenges (10min) <i>Emmanuelle Soubeyran</i> , Director General, World Organization for Animal Health (WOAH)	
10:30-10:40	Transforming animal health towards sustainable agrifood and livestock systems (10min) <i>Thanawat Tiensin</i> , Assistant Director-General, Director of Animal Production and Health Division, and Chief Veterinarian, FAO	
10:40-10:55	Q&A	
10:55-11:25	Break	
11:25-11:35	Outcomes of the questionnaire on animal health priorities (10min) <i>Samia Metwally</i> , Senior Animal Health Officer, FAO	
11:35-12:30	Panel Discussion (55min) <i>Imon Suandi</i> , Director of Animal Health, DG of Livestock and Animal Health, Indonesia	

José Guajaro, Director Nacional del Servicio Agrícola y Ganadero, Chile
Huyam Salih, Director, African Union Interafrican Bureau for Animal Resources (AU-IBAR)
Anna Rose Ademun Okurut, Commissioner Animal Health, Ministry of Agriculture, Animal Industry and Fisheries, Uganda

12:45-13:45	Side Event 1. 20 Years of the FAO Emergency Centre for Transboundary Animal Diseases (ECTAD) Programme – Transforming National Animal Health Systems	<i>Sheik Zayed Centre</i>
12:45-13:45	Side Event 2. Innovations to reduce the need for antimicrobials	<i>Iran Room</i>

Session 2 **Improving animal health for sustainable livestock transformation**

Chair: Helen Roberts, Senior policy, science and risk advisor, Department for Environment Food & Rural Affairs, United Kingdom

- 14:00-14:10** Promoting pandemic prevention through bolstering pandemic PPR capacities (10min)
Samuel Mills, Senior Health Specialist Pandemic Fund Secretariat, World Bank Group
- 14:10-14:20** Country preparedness for animal health emergencies (10min)
Carlos Orellana Vaquero, Head of Livestock Protection Division, Ministry of Agriculture, Chile
- 14:20-14:30** Strengthening national animal health systems in member countries (10min)
Mathioro Fall, Head of the Animal Health Protection Division, Veterinary Services Department, Ministry of Agriculture, Food Sovereignty and Livestock, Sénégal
- 14:30-14:40** Veterinary vaccine availability. Human vaccine experience, and One Health opportunities (10min)
Michael Schunk, Senior Vaccine Industry Specialist, International Finance Corporation
- 14:40-14:50** Identifying pioneer farmers for improved animal health and climate-resilient dairy systems (10min)
Birgit Habermann, Scientist, Climate Change Technologies in Practice International Livestock Research Institute (ILRI)
- 14:50-15:00** Q&A

15:00-15:30 **Panel Discussion** (30min)

Relebohile Lepheana, Director of Veterinary Services, Ministry of Agriculture and Food Security, Lesotho

Sith Premashthira, Senior Professional Veterinarian Department of Livestock Development, Thailand

Helen Roberts, Senior policy, science and risk advisor, Department for Environment Food & Rural Affairs, United Kingdom

Session 3 **Animal health innovation and emerging technology**

Chair: Vincent Martin, Director of Office of Innovation, (FAO)

- 15:30-15:40** Leveraging technological advances in vaccine development for parasitic diseases: The case of African Trypanosomosis (10min)
Jan Van Den Abbeele, Senior Researcher, Institute of Tropical Medicine, Belgium
- 15:40-15:50** Advancement in assessing quality of formulated Foot-and-mouth disease vaccines (10min)
Alejandra Capozzo, Director of the Centre for Health Sciences (CAECIHS) Interamerican Open University (UAI), Argentina
- 15:50-16:00** Innovative approaches to strengthen the Foot and mouth disease vaccine value chain in Eastern Africa through Pay-for-Results' (10min)
Nina Henning, Team Lead, AgResults Foot-and-mouth disease vaccine challenge project, GALVmed
- 16:00-16:10** Novel sample collection and diagnostics for endemic and emerging pathogen surveillance: lessons from avian influenza (10min)
Erik Karlsson, Deputy Head of the Virology Unit, Institut Pasteur du Cambodge, Cambodia
- 16:10-16:20** Q&A
-

16:20-17:00 **Panel Discussion** (40min)

Moderator: Vincent Martin, Director of Office of Innovation, FAO

Khalid Omari Tadlaoui, General Manager, M.C.I. Santé Animale, Morocco

Alejandra Capozzo, Director of the Centre for Health Sciences, Interamerican Open University (UAI), Argentina

Melanya Karapetyan, Head, Food Safety Department of the Ministry of Economy, Republic of Armenia

Geetha Srinivas, Director, Centre for Veterinary Biologics, United States Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), United States of America

17:15-18:15 **Side Event 3.** Roundtable of young professionals in the animal health sector: sharing experiences and challenges faced *Sheik Zayed Centre*

18:30-20:00 Reception *Atrium*

DAY 2**Tuesday 24 September 2024****Red Room****Time****Topics****Session 4 Reference Centres and support networks**

Chair: Marisa Arias, Technical Director, FAO Reference Centre for African Swine Fever, Spain

09:00-09:05 Video 2: FAO Reference Centres and supporting network

09:05-9:15 Good practices of WOA/FAO reference laboratories network for Foot-and-mouth disease (10min)

Donald King, Head, Vesicular Disease Reference Laboratory Group
The Pirbright Institute, United Kingdom

09:15-09:25 Role of WOA Reference Centres in supporting Members in the early detection of emerging pathogens (10min)

Charmaine Chng, Deputy Head of the Science Department, World Organization of Animal Health (WOAH)

09:25-09:35 Global situation update on avian influenza viruses. Highlighting zoonotic potential and the role of reference laboratories (10min)

Ashley Banyard, Director, International Reference Laboratory for Influenza and Newcastle Disease virus Animal and Plant Health Agency (APHA), United Kingdom

09:35-09:45 FAO Reference Centres on antimicrobial resistance as key partners for transforming AMR approaches in agrifood system (10min)

Rungtip Chuanchuen, Head, Research Unit in Microbial Food Safety and Antimicrobial Resistance, Chulalongkorn University, Thailand

09:45-09:55 Q&A

09:55-10:30 Panel Discussion (35min)

Rainelda Dela Peña, Veterinarian V, Bureau of Animal Industry – Department of Agriculture, The Philippines

Mo Salman, Professor, Animal Population Health Institute, Colorado State University, United States of America

Isabella Monne, Veterinarian, Istituto Zooprofilattico Sperimentale delle Venezie (IZSve), Italy

Labib Bakkali Kassimi, Head of Biopic Team, French Agency for Food, Environmental and Occupational Health and Safety (ANSES), France

Session 5 Regional support laboratory and national capacity building for the future

Chair: Gerrit Viljoen, Former Head of Animal Production and Health Section
Joint FAO/IAEA Centre of Nuclear Techniques in Food and Agriculture

10:30-10:40	Building capacities to fostering partnerships – The role of Veterinary Diagnostic Laboratory (VETLAB) network (10min) <i>Viskam Wijewardana</i> , Head, Animal Production and Health Laboratory, Joint FAO/IAEA Centre of Nuclear Techniques in Food and Agriculture	
10:40-10:50	FAO regional support laboratories (RSLs) (10min) <i>Maryam Muhammad</i> , Director, National Veterinary Research Institute (NVRI), Vom., Nigeria	
10:50-11:00	Empower and advance the countries' capacities to become reference centres and regional support laboratories (10min) <i>Giovanni Cattoli</i> , Director of Health, Istituto Zooprofilattico Sperimentale delle Venezie (IZSve), Italy	
11:00-11:10	Strengthening One-Health approach and collaboration for controlling zoonotic/emerging diseases in Indonesia (10min) <i>Dharmayanti Niluh Putu Indi</i> , Doctoral Researcher, Indonesian Research center for Veterinary Science, Indonesia	
11:10-11:20	Q&A	
11:20-12:00	Panel Discussion (40min) <i>Moderator: Gerrit Viljoen</i> , Former Head of Animal Production and Health Section, Joint FAO/IAEA Centre of Nuclear Techniques in Food and Agriculture <i>Dilmara Reischak</i> , Federal Agricultural Inspector, Ministry of Agriculture and Livestock, Brazil <i>Aida Tlatli</i> , General Director/ Quality Manager, Institute of Veterinary Research in Tunisia, Tunisia <i>Maryam Muhammad</i> , Director, National Veterinary Research Institute (NVRI), Vom, Nigeria <i>Hendra Wibawa</i> , Medical Scientist Molecular Diagnostics, Disease Investigation Centre, Indonesia <i>Leruo Tego Keokilwe</i> , Acting Head, National Veterinary Laboratory, Botswana	
12:15-13:45	Exhibit and networking	<i>Atrium</i>
12:15-13:45	Side Event 4. One Health approach to strengthen pandemic prevention and preparedness	<i>Sheik Zayed Centre</i>
Session 6	Securing the supply of safe, effective, and affordable veterinary vaccines <i>Chair: Olivier Espeisse</i> , Chairman, International Alliance for Biological Standardization - Europe	
14:00-14:05	Video 3: The power of vaccines in animal health	

14:05-14:15 Approval of new biologics, licensing, certification, inspection and field testing (10min)

Geetha Srinivas, Director, Centre for Veterinary Biologics, United States Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), United States of America

14:15-14:25 Innovation to increase the availability of animal health products for control of livestock diseases (10min)

Carolyn Schumacher, Chief Executive, GALVmed

14:25-14:35 The concept of independent quality control of veterinary vaccines: Progress and future roles (10min)

Charles Bodjo, Senior Diagnostic Reagent Officer, African Union Pan African Veterinary Vaccine Centre (AU-PANVAC)

14:35-14:45 Global challenges in animal vaccines development: Forecasting demand and navigating regulations (10min)

Jennifer Christelle Essolomwa, Regulatory Affairs Officer, HealthforAnimals

14:45-14:55 Q&A

14:55-15:30 **Panel Discussion** (35min)

Anand Kumar, Managing Director, Indian Immunologicals, India

Mike Francis, Managing Director, BioVacc Consulting, United Kingdom

Carolyn Schumacher, Chief Executive, GALVmed

Nikita Lebedev, Deputy Director, Federal Centre for Animal Health (ARRIAH), Russian Federation

Session 7 **Maximizing vaccination impact and enhanced quality**

Chair: Maria Montoya, Group Leader, Margarita Salas Biological Research Center, Spain

15:30-15:40 Veterinary vaccine selection, vaccination strategy and post-vaccination monitoring for livestock (10min)

Baptiste Dungu, Director, Bonisa Solutions, United Kingdom

15:40-15:50 South America Foot-and-mouth disease control and eradication program (10min)

Manuel Jose Sanchez Vazquez, Coordinator of the Area of Epidemiology in PANAFTOSA, Pan American Health Organization (PAHO/WHO)

15:50-16:00 African Swine Fever vaccine development and application (10min)

Manuel Borca, Research Microbiologist Agriculture Research Service, United States Department of Agriculture, United States of America

16:00-16:10 Vaccination against Highly pathogenic avian influenza (HPAI) – the decision and the impact (10min)

Hualan Chen, Professor, Harbin Veterinary Research Institute, China

16:10-16:20 Q&A

16:20-17:00 **Panel Discussion** (40min)

Aldo Dekker, Project leader Vesicular Diseases, Wageningen University and Research, The Netherlands

Shi Jishu, Director, Center on Biologics Development and Evaluation, Kansas State University, United States of America

Gabriel Varga, Regional Director, Sub-Saharan Africa at Zoetis, African Livestock Productivity and Health Advancement, Slovakia

Sajjad Hussain, Director General Research, Livestock, Pakistan

Hualan Chen, Professor, Harbin Veterinary Research Institute, China

17:15-18:15 **Side Event 5.** Ensuring vaccine quality and boosting farmers' confidence to mitigate the impact of animal diseases

Sheik Zayed Centre

18:30-20:00 Reception to announce first vaccine to qualify for the AgResults Foot and mouth disease vaccine challenge project (GALVmed)

Atrium

DAY 3

Wednesday 25 September 2024

Red Room

Time

Topics

Session 8

Sustainable solutions for animal health and climate resilience

Chair: Badi Besbes, Chief, Sustainable Animal Production, Feed and Genetics Group, Animal Production and Health Division, FAO

09:00-09:05 **Video 4: Climate-resilience for animal health**

09:05-09:15 Advancing climate-smart livestock nutrition to enhance animal health and resilience, farmer prosperity, and food security across the Indian subcontinent (10min)

Miel Hostens, Associate Professor, Cornell University, United States of America

09:15-09:25 Livestock production in a changing climate: an illustration of Caribbean resilience (10min)

Nneka Hull James, Animal Health Specialist, Caribbean Agricultural Health and Food Safety Agency, Suriname

09:25-09:35 Q&A

09:35-10:30 **Panel Discussion** (45min)

Nneka Hull James, Animal Health Specialist, Caribbean Agricultural Health and Food Safety Agency, Suriname

Alka Upadhyaya, Secretary, Department of Animal Husbandry and Dairying, Government of India

Miel Hostens, Associate Professor, Cornell University, United States of America

Seyda Ozkan, Senior Scientist, Environment Defense Fund

Session 9 **Strengthening multistakeholder collaboration / Public Private Partnerships**

10:30-10:40 Strengthening multistakeholder collaboration. Public and private partnerships (10min)

Dustin Oedekoven, Chief Veterinarian, National Pork Board, United States of America

10:40-10:50 Public-Private partnerships in animal health and one health for sustainable livestock transformation (10min)

María Sánchez Mainar, Scientific Programme Manager, International Dairy Federation

10:50-12:00 **Panel Discussion** (70min)

Anne Mottet, Lead Global Technical Specialist (Livestock), International Fund for Agricultural Development (IFAD)

Dustin Oedekoven, Chief Veterinarian, National Pork Board, United States of America

María Sánchez Mainar, Scientific Programme Manager, International Dairy Federation

Mathioro Fall, Head of the Animal Health Protection Division, Veterinary Services Department, Ministry of Agriculture, Food Sovereignty and Livestock, Sénégal

Nicolò Cinotti, Secretary General, International Poultry Council

12:15-13:15 **Side Event 6. Towards a sustainable future: Leading the fight against transboundary pests and diseases** *Sheik Zayed Centre*

Closing session

13:30-13:35 **Video 5: Inclusive approaches to animal health: building a sustainable future together**

13:35-13:50 Highlights and outcomes of the Conference (15min)

Badi Besbes, Chief, Sustainable Animal Production, Feed and Genetics Group, Animal Production and Health Division, FAO

13:50-14:50 Interventions by Members and other participants

14:50-15:00 Closing remarks

Thanawat Tiensin, Assistant Director-General, Director of Animal Production and Health Division, and Chief Veterinarian, FAO

Conference moderated by **Hlami Ngwenya**