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# Background, objectives and overview of the agenda

Regional Workshop on Interpretation of AMU/AMR data to improve  
evidence-based decision-making in Asia and the Pacific

**Bangkok, Thailand, 18-19 November 2025**



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## Objectives

- Introduce the principles of overarching guidelines of One Health AMR/AMU integrated surveillance to support informed decision- and policymaking at the country level
- Mapping ongoing sector-specific and/or integrated AMR/AMU surveillance activities at the country level
- Identify potential challenges/barriers for successful implementation of integrated AMR/AMU surveillance
- Make recommendations for future directions/way forward to improve the integration of AMR/AMU surveillance systems across multiple sectors
- Creating a network of support and sharing of expertise among countries of the region



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## Overview of the agenda

- Discuss on global AMR/AMU surveillance data sharing platforms
- Introduction to One Health Integrated AMR/AMU surveillance concept and guidelines
- Sharing experience and guidance on Integrated AMR/AMU surveillance in developed countries
- Sharing experience on implementing Tri Cycle project in regional countries
- Hands on training on application of integrated AMR/AMU surveillance using scenarios
- Setting up a regional network for AMR/AMU surveillance
- Discuss on the future directions





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**Prof Jaap WAGENAAR** - Professor at Utrecht University, The Netherlands. veterinarian and completed his PhD study at Utrecht University and the USDA-National Animal Diseases Center, Ames, IA, US. In 2006 he was appointed as chair of Clinical Infectious Diseases at the Faculty of Veterinary Medicine, Utrecht University, the Netherlands. The main topics of his research are antimicrobial resistance and on *Campylobacter*. member of the Technical Advisory Group of the Fleming Fund, a UK initiative to build global capacity on AMR surveillance. He is the director of the WHO Collaborating Center for *Campylobacter* and Antimicrobial Resistance from a One Health perspective, and the WOAHA-reference laboratory for Campylobacteriosis, and is acting frequently as an expert for WHO, FAO and WOAHA. Was Co-Chair of the Quadripartite Technical Group on Integrated Surveillance for Antimicrobial Resistance and Use (QTG-AIS).



**Dr Christopher Teale** - Qualified as a veterinary surgeon from the University of Cambridge in 1987). 1989 he then joined the Veterinary Investigation Service of the Ministry of Agriculture, Fisheries and Food (now the Animal and Plant Health Agency (APHA), an executive agency of Defra). Expert at the WOAHA (World Organisation for Animal Health) reference laboratory on AMR (which is located at the APHA) since 2003. A member of the British Society for Antimicrobial Chemotherapy antimicrobial working party which sets out standardised methods for susceptibility testing in the UK and also sits on government and international committees concerned with antimicrobial resistance. He has chaired the Joint Interagency Antimicrobial Consumption and Resistance Analysis Group, a committee comprising members from the European Centre for Disease Control, the European Medicines Agency and the European Food Safety Authority.



**Dr Zoltan Kunsagi** - Graduated from veterinary school in Budapest, Hungary, and holds additional master's degrees in toxicology and analytical chemistry, with a focus on chromatography techniques. In 2014, he joined the European Medicines Agency (EMA), where he has been working in the Veterinary Medicines Division. He currently serves as the Head of Veterinary Antimicrobial Monitoring and Resistance Service. In this role, he supports the Committee for Veterinary Medicinal Products (CVMP)'s Antimicrobials Working Party (AWP), the European Sales and Use of Antimicrobials for Veterinary Medicine (ESUAvet) Working Group and acts as EMA's leading contributor to the Joint Interagency Antimicrobial Consumption and Resistance Analysis (JIACRA).



**Dr MICHIKO KAWANISHI DVM PhD**- Senior Research Officer, Veterinary AMR Center, National Veterinary Assay Laboratory (NVAL), Ministry of Agriculture, Forestry and Fisheries (MAFF). Lead JVARM activities, collaborating with the human health sector to implement One Health surveillance. Generate AMR data for risk assessment and conduct research, particularly on LA-MRSA, phosphomycin and colistin resistance in livestock.



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**Dr David Sutherland** - FAORAP's Regional AMR One Health Coordinator and Coordinator of the Regional Tripartite AMR Project funded by the European Union. He has been working in Asia full-time since 2010 on environmental health and AMR issues from a One Health perspective for both WHO and FAO. For much of the last seven years he has played a role in Quadripartite coordination for One Health and AMR. Has worked in environmental health for 25 years in more than 25 countries in Africa and in Central, South and South East Asia. He has worked on irrigation and domestic water supply and sanitation (including wastewater and solid waste management), increasingly in its role in One Health. He has worked for, and with, government, academia, private sector, civil society, UN and resourcing organizations.



**Dr BENYAMIN SIHOMBING – Technical Officer AMR, WHO SEARO.** Skilled public health professional and medical doctor with over 15 years of experience advancing regional health initiatives across Southeast Asia. His expertise spans antimicrobial resistance (AMR), tuberculosis (TB), neglected tropical diseases (NTDs), and vector-borne diseases, with a strong focus on multisectoral coordination, policy development, and evidence-based programming. Currently serving as Technical Officer for AMR at the WHO Southeast Asia Regional Office, he supports regional implementation of One Health strategies in collaboration with FAO, WOA, UNEP, and WHO WPRO. Benjamin holds an MPH from the National University of Singapore.



**Dr Dr. Agnes Agunos** - Earned her DVM from the University of the Philippines and both her Graduate Diploma in Avian Medicine and Pathology and MSc from the University of Guelph. She is a Diplomate of the American College of Poultry Veterinarians, an active member of the American Association of Avian Pathologist (epidemiology and diseases of public health importance groups), and a licensed poultry veterinarian in Ontario, Canada. Is an AMR Monitoring and Surveillance Specialist with the Food and Agriculture Organization (FAO), supporting the global implementation of InFARM. Based in Guelph, Ontario, she also serves as a Veterinary Epidemiologist with the Public Health Agency of Canada, contributing to national AMU and AMR surveillance and poultry research under CIPARS since 2009.



**Dr Jorge Matheu Alvarez** - Scientist at the Impact Initiatives and Research Coordination unit at the Department of Global Coordination and Partnership of AMR, AMR division, World Health Organization (WHO), Geneva, Switzerland. In 2021, he started as a Team Lead in the Impact Initiatives and Research Coordination unit at the Department of Global Coordination and Partnership, AMR Division, WHO headquarters. Since July 2024, he worked as Scientist in the Impact Initiatives and Research Coordination unit supporting and coordinating the Quadripartite One Health AMR work on research, legislation, integrated surveillance and responsible use of Antimicrobials in different sectors. Supported and coordinated the activities of the WHO Advisory Group on Integrated Surveillance on AMR (AGISAR).





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**Dr Ana L. P. MATEUS** - Senior Scientific Coordinator, World Organisation for Animal Health, France. Veterinarian by training. Attached to the Antimicrobial Resistance and Veterinary Products Department at the World Organisation for Animal Health (WOAH) she is part of the secretariat of the Working Group on Antimicrobial Resistance and is a technical focal point for the Quadripartite Joint Secretariat on AMR. Her main areas of interest are antimicrobial stewardship, surveillance and AMR policy. Has a PhD on veterinary epidemiology by the Royal Veterinary College (UK) and a MSc in Veterinary Public Health by the University of Glasgow.



**Dr Muhammad Usman Zahee** - Regional AMR Surveillance and One health Specialist at FAO's Regional Office for Asia and the Pacific in Bangkok. A Veterinary Preventive Medicine and Public Health professional with 9+ years of progressively responsible role in establishment and implementation of monitoring and surveillance system for infectious animal disease including zoonoses and AMR, One Health approach, workforce development and coordination with stakeholders. He is Member American College of Epidemiology (M.A.C.E.), holds a PhD degree in Epidemiology from Colorado State University, USA (funded by The Fulbright Program), holds a Board Certification (Diplomate) in Veterinary Preventive Medicine from the American College of Veterinary Preventive Medicine, and a Doctor of Veterinary Medicine (DVM) degree from the University of Agriculture, Faisalabad, Pakistan.



**Dr Delfy Góchez** – A veterinarian and Senior Data Management Officer for AMU at WOAH Headquarters in Paris, within the Antimicrobial Resistance and Veterinary Products Department. For nearly a decade, she has led the transformation of the global AMU database (ANIMUSE) and supported WOAH Members in strengthening their national AMU monitoring systems in the animal health sector. She is also part of the Core Group of Integrated Surveillance on AMR and AMU within the Quadripartite organisations. Before joining WOAH, she worked as Head of the Registration and Control of Veterinary Products Unit at El Salvador's Ministry of Agriculture and Livestock.



**Prof Stanley Fenwick** – Graduated as a veterinarian from the University of Glasgow in 1978. He also has Masters degrees in Aquatic Veterinary Studies (Stirling U) and Tropical Veterinary Medicine (Edinburgh U). He completed a PhD at Massey University in 1997 on Yersinia infections in New Zealand. He is Emeritus Professor, Veterinary Public Health at Murdoch University, Affiliate Professor at Tufts University, and has Adjunct Professorships at Thammasat University, Hanoi Medical University, and RCSI & UCD Malaysia. He is technical lead for One Health and animal health for the Fleming Fund, a UK Aid programme managed by the UK Department of Health and Social Care, which aims to strengthen AMR surveillance and generate, share and use data to improve antimicrobial use and reduce antimicrobial resistance.



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