

Addressing antimicrobial resistance (AMR) in agrifood systems; a FAO e-learning introductory course on AMR



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BACKGROUND

This international technical webinar is part of the series organized by the **FAO elearning Academy**, **Agreenium** (French training and research alliance for agriculture, food, environment and global health), **UN-ESCAP** (United Nations Economic and Social Commission for Asia and the Pacific), and **Future Food Institute**. These webinars are an opportunity for all of us to share experiences and lessons learned, discuss challenges, and propose innovative solutions and models. They aim to provide a holistic and comprehensive view of current trends in thematic areas related to global challenges, by combining development research and innovation perspectives.

The main objective of these technical webinars is to give practitioners the opportunity to interact with international experts, United Nations officers, University professors, researchers and fellow participants, throughout the world. Webinars can be attended as interactive online sessions on Zoom, where sharing perspectives and asking questions to experts is encouraged. These sessions are also recorded and therefore available at any time, through the FAO elearning Academy: elearning.fao.org.

OBJECTIVES OF THIS SESSION

- Present the elearning course “*Understanding antimicrobial resistance in food and agriculture*” and the AMR elearning framework;
- Explain the relevance and impact of AMR in the food and agriculture sector; and
- Identify the role of FAO and its partners in tackling AMR under the multisectoral concept of One Health.

SPEAKERS

This technical webinar, moderated by **Ms Cristina Petracchi** (FAO), will be delivered by **Mr Keith Sumption** (FAO), **Ms Junxia Song** (FAO), **Mr Fraser Broadfoot** (VMD), **Ms Rachel Dalton** (VMD) and **Ms Francesca Latronico** (FAO).



Keith Sumption
Chief Veterinary Officer
FAO



Junxia Song
Senior Animal Health Officer
FAO



Cristina Petracchi
Leader of the FAO elearning
Academy
FAO

Keith Sumption is the Chief Veterinary Officer of the Food and Agriculture Organization of the United Nations (CVO-FAO), Leader of the Animal Health Programme (NSAH), and Director of the Joint Centre for Zoonoses and antimicrobial resistance (AMR) (CJWZ). He has worked on disease ecology at the interaction of wildlife, domestic and the environment for more than 30 years, from initial studies on how disease can affect ecosystem balances (for his first degree in Ecology) , through PhD studies on African Swine Fever in wild and

Junxia Song has extensive experience in the prevention and control of zoonotic diseases, transboundary animal diseases (TADs), and antimicrobial resistance (AMR). Currently, she is working in the joint FAO/WHO center (zoonotic disease, and AMR). She is FAO AMR focal point and unit head, leading the development and implementation of FAO action plan on AMR, coordinating AMR activities with internal and external partners, significantly contributing AMR tripartite and UNEP collaboration. She is coordinating the endemic

Cristina Petracchi heads the FAO elearning Academy. She manages and coordinates the design, development, delivery and language adaptations of an extensive portfolio of elearning courses and blended learning programmes for the benefit of FAO member countries. She is also responsible for the creation of University Master’s and Post Graduate Degree Programmes. She engages actively in consolidating partnerships across United Nations agencies, academic institutions and universities, regional organizations, CSOs and NGOs for capacity

domestic hosts in southern Africa, and more than 17 years of management of epizootic diseases (Foot-and-mouth disease, FMD) in the wildlife –domestic interface as Secretary for the European Commission for the Control of Foot-and-Mouth Disease (EuFMD) Commission based in FAO.

zoonotic disease (rabies, brucellosis, zoonotic TB) in the center as well.

development initiatives. In addition to a University Degree in Biological Sciences, Ms Petracchi holds a PhD in Nutrition and Food Science, and has several years of experience of capacity development activities in several countries.



Fraser Broadfoot

Head of Antibiotic Use
Surveillance and Stewardship
Veterinary Medicines Directorate



Rachel Dalton

International Project Manager
Veterinary Medicines Directorate



Francesca Latronico

Veterinarian and public health
microbiologist
FAO

Fraser Broadfoot qualified from the Royal Veterinary College, London and worked for five years as a Veterinary Surgeon. He then worked for ten years as a veterinary advisor / product manager in the pharmaceutical industry, managing a variety of products over a wide range of clinical areas, and latterly managing a portfolio of cattle vaccines. He joined the Veterinary Medicines Directorate in 2016 and currently heads up the antibiotic use and stewardship team within the AMR department. This involves working with the UK animal sectors and stewardship groups to promote and develop systems for the collection of data on antibiotic use and

Rachel Dalton is a co-lead for the UK FAO Reference Centre for Antimicrobial Resistance and an International Project Manager at the UK Veterinary Medicines Directorate. She supports a wide range of projects to increase global capacity and resources to address antimicrobial resistance, with a particular focus on veterinary medicines residues surveillance. Originally a veterinary surgeon by training, Rachel spent 18 months working in small animal practice before diversifying into consultancy within the UK healthcare sector. She holds a BSc Global Health, with research interests into the links between human and animal health, specifically with relation to

Francesca Latronico is a veterinarian and public health microbiologist with interest in zoonotic diseases and antimicrobial resistance (AMR), with experience in the diagnostics and surveillance for infectious diseases. After graduating, she worked in different microbiology diagnostic and research laboratories around the world, and at national and international agencies to support applied laboratory research, surveillance and risk assessment / communication in the context of animal and public health, including food safety. Francesca is currently working at FAO to support laboratory and surveillance capacity development to improve AMR data quality and reporting

benchmarking, and embedding livestock and working equids, as from the food and agriculture antibiotic stewardship into well as gender intersectionality. sectors at the global, regional, and everyday practice. country level.

HOW TO ATTEND

The webinar is free and open to everyone, provided you have the link to the platform. To join the webinar session on Zoom, kindly register [here](#).

We suggest you to use Google Chrome in order to join the webinar. We also recommend you to check your time zone [here](#).

Please feel free to share this invitation with your colleagues.

PARTNERS

AFAAS - African Forum for Agricultural Advisory Services
Agreenium - French training and research alliance for agriculture, food, environment and global health
AgroParisTech - Institut des sciences et industries du vivant et de l'environnement
CIHEAM - International Center for Advanced Mediterranean Agronomic Studies
CIRAD - Agricultural Research Centre for International Development
CREA - Council for Agricultural Research and Economics
EU International Partnerships Academy
EU - European Union
FARM-D - Forum for Agricultural Risk Management in Development
FFI - Future Food Institute
ICBA - International Center for Biosaline Agriculture
IFAD - International Fund for Agricultural Development
INRAE - Institut national de recherche pour l'agriculture, l'alimentation et l'environnement
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Montpellier SupAgro - Institut national d'études supérieures agronomiques de Montpellier
NEPAD - New Partnership for Africa's Development
OpenMed
PARM - Platform for Agricultural Risk Management
SUN Movement – United Nations Scaling Up Nutrition Movement
UNDP - United Nations Development Programme
UNESCAP - United Nations Economic and Social Commission for Asia and the Pacific
UNIMED - Mediterranean Universities Union
UNITELMA University
UOC - Open University of Catalonia
WFP - World Food Programme

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