

## Francesca Latronico, DVM, PhD

Antimicrobial resistance Laboratory and Research Activity Coordinator

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Dr Francesca Latronico is a Veterinary Medicine (DVM) graduate and has more than 15-year experience working in laboratory diagnostics and infectious disease epidemiology in the fields of veterinary and public health microbiology, including antimicrobial resistance (AMR) and food-borne zoonoses at national and international level.

She holds a PhD on animal pathology and health with a particular focus on the epidemiology of antibacterial resistance in animals and humans and graduated in the advanced European Training Programme for Public Health Microbiology by the European Centre for Disease Prevention and Control. She has a broad knowledge on laboratory methods for detection and characterisation of infectious agents, and has conducted surveillance studies, outbreak investigations, and applied microbiology research projects.

Before joining FAO in 2018, she worked in different research and diagnostic laboratories in Italy, Denmark, United States, and Finland. She also worked at the European Food Safety Authority to assist in risk assessment and monitoring of biological hazards along the food chain, and at the WHO Cambodia country office to improve field activities such as sample collection and transportation.

She is currently working at FAO Headquarters to coordinate overall support for laboratory capacity development and improving AMR data generation, harmonization and quality from agrifood sectors. Her duties also include the support to plan and conduct research activities for filling still existing knowledge gaps to understand the emergence and circulation of AMR and generate evidence for effective interventions and innovations. As part of the Quadripartite (FAO/UNEP/WHO/WOAH) technical team she also jointly coordinates for the implementation of the Quadripartite One Health Priority Research Agenda for AMR at global, regional and country levels.