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One Health EJP Continuing Professional Development Module Rapid diagnostics and harmonisation of diagnostic tests

Date:

2nd - 4th November, 2022

Location:

Statens Serum Institut and DTU Food, Copenhagen, Denmark and online.

Audience:

Twenty onsite participants, including both microbiologists and epidemiologists, and up to 100 online participants.

One Health EJP consortium members with interest in the microbiological and epidemiological aspects of laboratory diagnostics.

PhD Candidates & Early Career Researchers are welcome to apply.



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Introduction to module

Diagnostic tests are a key part of investigating and managing an outbreak. New diagnostic methods, including rapid diagnostics, are available and efforts have been made to harmonise diagnostic tests across laboratories and across sectors. This module will discuss the role of diagnostics and related challenges from both the microbiological and epidemiological perspectives. Outbreak case studies based on real outbreaks will actively engage both epidemiologists and microbiologists, walking participants through the different roles that each group plays during an outbreak scenario. Epidemiologists will accompany microbiologists in the laboratory to gain a better understanding of various testing procedures (e.g. PCR, serotyping, whole genome sequencing) and microbiologists will join epidemiologists in conducting epidemiological analyses typical during an outbreak investigation. This structure will allow each group to improve their understanding of the perspectives of the other when dealing with an outbreak together, focusing on the effects of applying rapid and/or harmonised diagnostic tests. The module will draw from the experiences and new knowledge from three One Health EJP Joint Integrative Projects: OH-Harmony-CAP, MATRIX, CARE.

This CPD training module is geared towards PhD students and One Health professionals in the early stages of their careers. The training will take place partly in a laboratory setting and partly as a desktop exercise. Participants will need to bring a laptop with them. No additional preparation is required.

Application deadline

The application deadline is Friday, 23rd September, 2022.

Participation Fees and Accommodation

There is no participation fee. Accommodation is not included.

Contact

If you have any questions, please contact: [Caroline Eves](#)

Registration: [here](#)



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