



FWD AMR-RefLabCap

**Physical training workshop
12-13 March 2024**

Training to public health NRLs to support them in carrying out capacity building activities at the regional and local level for detection and characterization of *Salmonella* and *Campylobacter* for the national surveillance of AMR

This capacity building training workshop is aimed for the priority countries and additional countries with the greatest needs. The workshop aims at improving the NRLs capacity and capability to support local/regional clinical laboratories and will focus on enhancing the technological and microbiological knowledge, and include pedagogical training elements. It focuses on the topics of i) establishment and coordination of national laboratory networks to support national surveillance of antimicrobial resistance and ii) pedagogical training for carrying out capacity building activities for reliable detection and characterisation of *Salmonella* and *Campylobacter*. It will further include sessions that promote the development of communication and didactic capacities, strategies to improve harmonisation of national methods and increased cooperation, and approaches to the practical organisation of physical and virtual training courses, exercises and workshops.

The workshop will be held at the Technical University of Denmark (DTU) on 12 and 13 March 2024.

Agenda:

First day – Tuesday 12 March 2024, 9:00 - 17:00 CET

8:00: Bus transportation from hotel to DTU

9:00 - 9:15: Welcome, agenda for the workshop (Ana Rita Rebelo, DTU)

9:15 - 9:30: Instructions for the networking exercise (Ana Rita Rebelo, DTU)

9:30 - 10:30: Networking exercise on the activities for the national laboratory network support (all)

10:30 - 10:45: Coffee break

10:45 - 11:30: Plenary discussion of the networking exercise (all)

11:30 - 12:00: How to prepare and share reference documents, materials and data (Susanne Karlsmose Pedersen, DTU)

12:00 - 12:30: Practical strategies and examples for courses, exercises and workshops (Ana Rita Rebelo, DTU)

12:30 - 13:30: Lunch



13:30 - 14:00: Real-life example of building a sentinel surveillance network in Denmark (Søren Persson, SSI)

14:00 – 15:00: Countries experience on the mapping exercise results and outcomes (Italy, Hungary, Moldova, Romania, Serbia)

15:00 - 15:15: Coffee break

15:15 - 15:45: How to prepare and share big data (Faisal Ahmad Khan, DTU)

15:45 - 16:15: Data management and ISO standards (Dr. Peter Evans, USDA, and Dr. Emma Griffiths, SFU)

16:15 – 16:30: Wrap-up and information for following day (Ana Rita Rebelo, DTU)

16:30: Bus transportation from DTU to hotel

18:45 : Dinner at Madklubben Vesterbro (Vesterbrogade 62, 1620 København V)

Second day – Wednesday 13 March 2024, 9:00 – 15:00 CET

8:00: Bus transportation from hotel to DTU

9:00 - 9:10: Welcome, agenda for the day and re-cap of yesterday (Ana Rita Rebelo, DTU)

9:10 - 9:30: Introduction to the pilot projects and introduction to the exercise (Ana Rita Rebelo, DTU)

9:30 – 10:00: Presentations from countries on their pilot studies and discussion (Estonia, Slovakia, Lithuania)

10:00 - 11:00: Exercise on designing pilot projects (all)

11:00 - 11:15: Coffee break

11:15 – 12:15: Plenary discussion of the exercise on pilot projects (all)

12:15 - 13:15: Lunch

13:15 - 13:45: Presentation on pedagogical methods (Malene Bolding, DTU)

13:45 - 14:45: Conclusions and discussion on both days (Ana Rita Rebelo, DTU)

14:45:15:00: Goodbye

15:00: Bus transportation from DTU to hotel



Explanation of the two exercises:

Networking exercise

The networking exercise has three main goals: i) promote networking among the participants of the FWD AMR-RefLabCap project; ii) identify key gaps in the national networks of each country and; iii) encourage reflection about national activities that can aid in overcoming these gaps.

Part 1:

The participants shall complete a chart on the whiteboard for mapping the experience of the FWD AMR-RefLabCap members regarding organisation of national activities.

Example of possible layout of the whiteboard:

	My laboratory has organised theoretical workshops	My laboratory has organised laboratory training workshops	My laboratory has organised national exercises (e.g. EQAs)	My laboratory has organised virtual or physical courses	My laboratory has organised meetings with local laboratories (e.g. for network or discussion of topics of interest)	My laboratory provides direct guidance (e.g. by phone) to local laboratories	My laboratory provides documents for guidance to local laboratories
Country 1							
Country 2							
Country 3							
...							

Part 2:

The participants are grouped in pre-defined groups and identify a gap in their national networks (the gaps can be different for each country, within the groups).

Part 3:

The participants design an activity (physical or virtual workshop, or a course, or a national EQA, or other) that can help to solve the identified gaps in the countries represented in the group. Ideally, the group works together to design different activities to solve the gaps in the different countries. If this takes too long, the group can focus on one country/one activity.



The design of the activities should include institutional workplans, agenda, considerations about practical organisation, etc.

Exercise on pilot projects

The exercise on pilot project has three main goals: i) promote networking among the participants of the FWD AMR-RefLabCap project; ii) identify key gaps in the epidemiological surveillance in each country and; iii) aid in strengthening the national surveillance networks.

Part 1:

The participants are grouped in pre-defined groups and identify a gap in their national surveillance (the gaps can be different for each country, within the groups).

Part 2:

The participants design a pilot project that can help to overcome the gaps that they identified in the countries of the group. Ideally, the group works together to design different projects to solve the gaps of the different countries. If this takes too long, the group can focus on one country/one pilot project.

The design of the projects should include the aim of the projects, plans for communication and sharing material and/or data within national networks, realistic timelines, approaches for analysis of results, and considerations about “next-steps”, etc. There will be a template provided.