

SURVEILLANCE — DAY 4			
Time	Activity Description	Intended Learning Outcomes	Relevance
		<i>After completion, trainees will (be able to):</i>	<i>Why this is important for you as:</i>
1540-1555	Generalities on <i>Shigella</i> species (Carolina Nodari)	Gain general knowledge into <i>Shigella</i> species (non exhaustive lists of teaching subjects: genomic and molecular aspects, virulence, global distribution, clinical aspects, diagnostics methods and treatments)	Bioinformaticians, microbiologists and epidemiologists will gain foundational knowledge on the biology of <i>Shigella</i> species.
1555-1710	Background on the biology of enteric <i>E. coli</i> (Carolina Nodari)	Gain insight into enteric <i>E. coli</i> (non exhaustive lists of teaching subjects: genomic and molecular aspects, virulence, global distribution, clinical aspects, diagnostics methods and treatments) Understand the relevance of the One Health perspectives applied to enteric <i>E.coli</i>	Bioinformaticians and epidemiologists will gain foundational knowledge on the biology of enteric <i>E.coli</i> , and will learn how to interpret genomic and epidemiological data within a One Health framework. Microbiologists will deepen their knowledge about enteric <i>E. coli</i> , their ecological niches and transmission dynamics.

Details

Generalities on *Shigella* species

This lecture will provide general details about *Shigella* species, such as genomic features, pathogenic potential, and epidemiological relevance.

Background on enteric *E. coli*

This lecture will provide insights into enteric *E. coli* background such as genomic features, pathogenic potential, and epidemiological relevance.