BIODIVERSITY — DAY 6			
Time	**Activity Description**	**Intended Learning Outcomes** *After completion, trainees will (be able to):*	**Relevance** *Why this is important for you as:*
1400-1530	Bacterial strain nomenclature and epidemiological tracking (Sylvain Brisse)	Learn about the cgMLST-based Life Identification numbers (LIN) codes concept Explore the practical applications of bacterial strain nomenclature and LIN code in epidemiological surveillance, outbreak investigation, and public health response.	**Bioinformaticians** should understand bacterial strain nomenclature from genomic data. **Microbiologists** should get familiar with LIN codes and how to accurately communicate strain information within the scientific community and collaborate effectively in epidemiological investigations. **Epidemiologists** should understand the LIN code example of bacterial strain nomenclature and how to interpret nomenclatural data to analyze transmission patterns.

Details

Bacterial strain nomenclature and epidemiological tracking

This course will provide participants with insights into the cgMLST-based Life Identification numbers (LIN) codes concept, a novel approach to bacterial strain taxonomy. Participants will explore how bacterial strain nomenclature and LIN codes can be used in epidemiological surveillance, outbreak investigation, and public health response.