

Day 1

Trainer

Andrea Carvelli, IZSLT, Senior Epidemiologist

Marcello Sala, IZSLT, Head of Epidemiology Unit

Day 2

Trainer

Andrea Carvelli, IZSLT, Senior Epidemiologist

Marcello Sala, IZSLT, Head of Epidemiology Unit

Day 3

Trainer

Andrea Carvelli, IZSLT, Senior Epidemiologist

Marcello Sala, IZSLT, Head of Epidemiology Unit

Day 4

Trainer

Maria Teresa Scicluna, IZSLT, Head of Virology Unit

8:30	Introduction to Epidemiology in Animal Health: - Opening remarks, expectations, course overview - Definitions, history, objectives in FMD context	8:30	Epidemiological studies - Cross-sectional, cohort, case-control	8:30	Experts Knowledge Elicitations	8:30	FMD control in a vaccination context
9:30		9:30		9:30		9:30	
9:30	Measuring diseases in populations: incidence, prevalence, attack rate – morbidity, mortality, case-fatality - variables, risks, bias, distributions	9:30	Survey and sampling - Estimating prevalence - Demonstrating free from disease	9:30	Outbreak Investigation Geographic Informative Systems	9:30	FMD Vaccine attributes
11:00		11:00		11:00		11:00	
11:00	coffee break	11:00	coffee break	11:00	coffee break	11:00	coffee break
11:30		11:30		11:30		11:30	
11:30	Diagnostic test evaluation Sensitivity, specificity, predictive values	11:30	Surveillance in Animal Health - surveillance models - designing a surveillance system	11:30	Risk assessment / Risk analysis in Animal Health surveillance	11:30	Monitoring vaccination coverage Investigation of suspected vaccine failures
13:00		13:00		13:00		13:00	
13:00	lunch break	13:00	lunch break	13:00	lunch break	13:00	lunch break
14:00		14:00		14:00		14:00	
14:00	practical session - case studies	14:00	practical session - case studies	14:00	practical session - case studies	14:00	practical session - case studies
16:30		16:30		16:30		16:30	