



# Foot-and-mouth disease laboratory investigation training course

This course is aimed at those working in national or regional foot-and-mouth disease laboratories and involved in carrying out or managing laboratory testing activities.

## The course covers

- Interacting with field staff and guide them in collection and submission of appropriate, quality diagnostic samples
- Selecting appropriate diagnostic tests to detect FMD virus and FMD virus-specific antibodies, and interpret the results of these tests
- Describing the principles of accurate virus detection test methods and assays used for serology
- Outlining techniques for further characterization of FMD virus including genomic sequencing and vaccine matching tests
- Explaining the importance and basic principles of laboratory quality assurance
- Explaining the key principles of biosecurity and biosafety measures to be carried out in an FMD laboratory.

✓ The course provides a unique opportunity to interact with your colleagues in foot-and-mouth disease (FMD) laboratories around the world.

✓ A limited number of places are available on this course. Please apply via email.

✓ The EuFMD and the World Reference Laboratory for FMD, based at the Pirbright Institute, have partnered to produce this course.

**This 14-hour course  
is open for four weeks.**

## Virtual learning

[fao.org/eufmd](http://fao.org/eufmd)    [eufmdlearning.works](http://eufmdlearning.works)

[eufmd-training@fao.org](mailto:eufmd-training@fao.org)



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