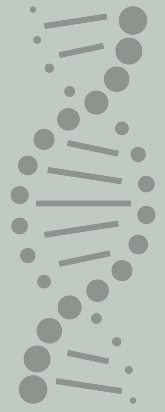


TRAINING COURSE



Genetic and Phenotypic Analysis on Phytopathogens

Online Lectures:

SESSION 1 - Plants and diseases, identification and characterization
of plant pathogens

December 5th, 10-13h WET

SESSION 2 - Diverse methods for plant pathogen detection and
characterization

December 10th, 13-16h WET

SESSION 3 - How genomics helps us trace, understand, and enable
early detection of plant pathogens

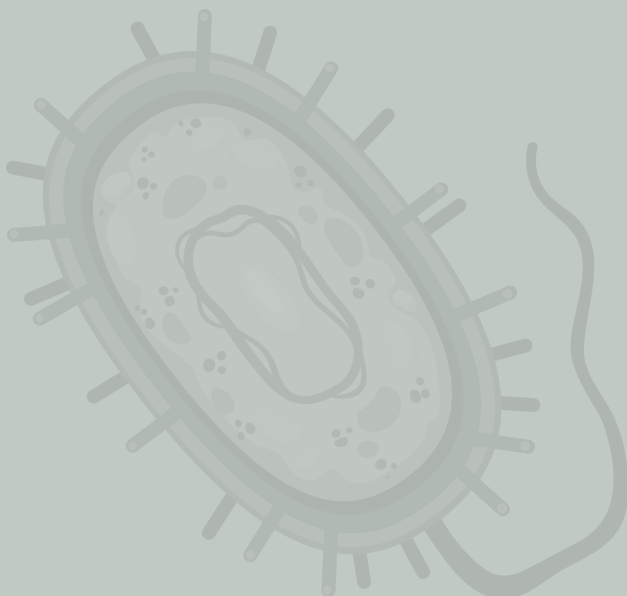
December 11th, 10-13h WET

in-person Laboratory sessions (FCUP, Porto, Portugal)

HANDS-ON ACTIVITIES - Methods on pathogen detection,
quantification, phenotyping and molecular identification

January 15-16th, 2026

- no fee
- limited number of participants
- Application deadline by November 10th
via website (www.biomehealthproject.eu)



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FACULDADE DE CIÊNCIAS
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TRAINING COURSE

Genetic and Phenotypic Analysis on Phytopathogens



Online Lectures:

SESSION 1 - Plants and diseases, identification and characterization of plant pathogens

Conceição Santos (REQUIMTE/FCUP): Plants, phytomicrobiome, environment, and plant diseases

Nuno Mariz-Ponte (REQUIMTE/FCUP): Identification, phenotyping and molecular approaches to analyze plant pathogen diversity

December 5th, 10-13h WET

SESSION 2 - Diverse methods for plant pathogen detection and characterization

Bart Fraaije (WUR): Fungicide resistance and its detection in plant pathogens

Viola Kurm (WUR): Use of LAMP for on-site pathogen detection

Iris Bergervoet (WUR): Multiplex detection of plant pathogens using Luminex

December 10th, 13-16h WET

SESSION 3 - How genomics helps us trace, understand, and enable early detection of plant pathogens

João Pedro Marques (CIBIO/FCUP) and Laura Regalado (REQUIMTE/FCUP): How genomics helps us trace, understand, and enable early detection of plant pathogens

December 11th, 10-13h WET

in-person Laboratory sessions
(FCUP, Porto, Portugal)

January 15-16th, 2026



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