

ADVANCED COURSE

Theoretical and practical aspects of pathobiome dynamics



Online Sessions:

SESSION 1 - Kevin King and Patrick McClean (*Rothamsted Research, UK*) - minION sequencing and other diagnostic technologies – applied uses in monitoring the fungal aerobiome

Bart Fraaije (*Wageningen University & Research, NL*) - Aerobiome sampling techniques

March 26th, 8:30h-10:30h WET

SESSION 2: Catarina Leal (*REQUIMTE/UP, PT*) - DNA Metabarcoding: Principles and Applications for Microbial Community Analysis

Viola Kurm (*Wageningen University & Research, NL*) - Metabarcoding sequencing

Javier Batista Perez (*STOmics, CH*) - Spatial Transcriptomics

STOmics

March 27th, 10-12:30h WET

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

HANDS-ON ACTIVITIES - Viola Kurm (*Wageningen University & Research, NL*) - *in silico* approach for metabarcoding analysis; **Nuno Mariz-Ponte** and **Marino Santos** (*REQUIMTE/UP, PT*) - Microbial characterization through IR-Biotyper

March 30th, 2026

- no fee
- limited number of participants
- Application via website (www.biomehealthproject.eu)



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requimte

U. PORTO
FACULDADE DE CIÊNCIAS
UNIVERSIDADE DO PORTO

WAGENINGEN
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BIOME
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