

# 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, 14-16h 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

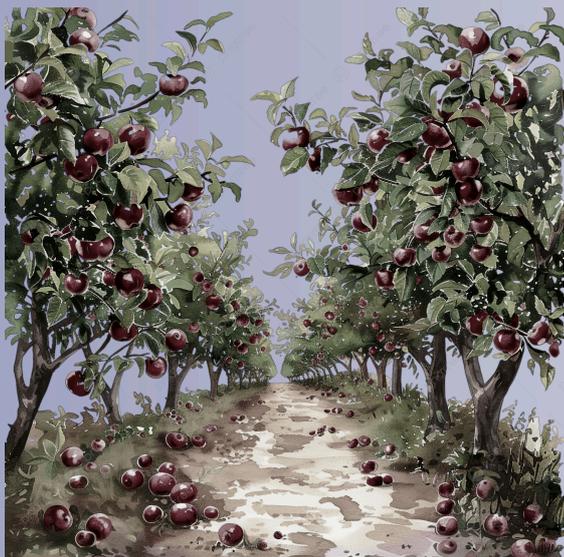
March 27th, 10-12h WET

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

**HANDS-ON ACTIVITIES** - *in silico* approach for metabarcoding analysis; Microbial characterization through IR-Biotyper

March 30th, 2026

- no fee
- limited number of participants
- Application via website ([www.biomehealthproject.eu](http://www.biomehealthproject.eu))



**LAQV**  
requimte

**U. PORTO**  
FACULDADE DE CIÊNCIAS  
UNIVERSIDADE DO PORTO

**WAGENINGEN**  
UNIVERSITY & RESEARCH

**BIOME**  
—HEALTH—

 **Funded by  
the European Union**  
HORIZON-WIDERA-2023-ACCESS-02/Twinning call  
Project: 101159978 BIOMEHEALTH