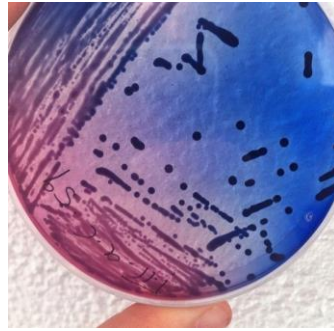
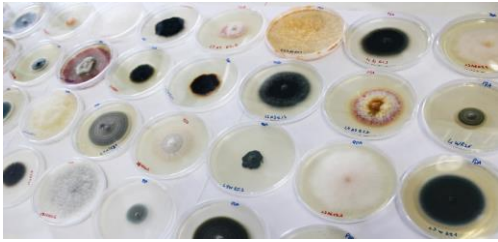


advanced course



23RD-27TH JULY

MICROBIAL DIVERSITY: METHODS AND APPLICATIONS

- Bacterial and fungal identification
- Molecular markers and phylogenetic analysis
- Molecular typing methods
- Description of novel species
- Studying unculturable microorganisms
- Denaturing Gradient Gel Electrophoresis
- Pulse-Field Gel Electrophoresis
- MALDI-TOF Mass Spectrometry
- Massive parallel sequencing
- Microbial diversity in aquatic environments
- Food and clinical microbial diversity
- Plant-associated microorganisms

Invited speakers

Martha E. Trujillo, USalamanca
Nelson Lima, UMinho
Helena Albano, ESB-UCP
Sónia Ferreira, AWISHE & CH Baixo Vouga, EPE
Cátia Fidalgo, Dbio & CESAM, UAveiro
Matthew Nitschke, Dbio & CESAM, UAveiro
Jörg Frommlet, Dbio & CESAM, UAveiro
Marta Alves, Dbio & CESAM, UAveiro

This course aims to address the wide array of methods currently available to explore microbial diversity as well as their potential applications.

Free for students enrolled in Dbio-UA PhD programmes;
Special fee for other DBio-UA students
Other participants : 100€

Limited to 20 participants

Lectures and hands-on classes

Registration and more info
ihenriques@ua.pt

Deadline
6th July, 2018

Organizing committee
Isabel Henriques
Artur Alves
Marta Tação
Dbio & CESAM,
UAveiro
microlab