

Molecular Biology Tools (MBT)

Braga, Portugal

COURSE PROGRAMME

SUNDAY, 23rd JUNE

9:00-9:15	Course opening
9:15 – 10:15	Fundamentals of Molecular Biology <i>Diana Sousa / Alcina Pereira</i> <i>University of Minho (Portugal)</i>
10:15 – 11:30	Fundamentals of anaerobic microbial physiology <i>Fons Stams</i> <i>Wageningen University (The Netherlands)</i>
11:30 - 11:45	<i>Coffee break</i>
11:45 – 13:00	Microbial diversity analysis: methods and tools <i>Adam Smith</i> <i>University of Michigan (USA)</i>
13:00 - 14:30	<i>Lunch</i>
14:30 – 15:45	In-situ and ex-situ quantification in molecular ecology <i>Jose Luis Sanz</i> <i>Universidad Autónoma de Madrid (Spain)</i>
15:45 – 18:45	Practicum <i>(Laboratory of Environmental Biotechnology)</i>

MONDAY, 24th JUNE

9:00 – 11:00	Practicum <i>(Molecular and Synthetic Biology Platform)</i>
11:00 – 11:30	<i>Coffee break</i>
11:30 – 13:30	Practicum <i>(Molecular and Synthetic Biology Platform)</i>
13:30 – 13:45	Closure of the course

IMC COURSE DETAILED SUMMARY

- Course language: English
- Number of participants: 20
- Total hours: 12 (theoretical and practicum)
- Practicum groups: 5
- **Practicum activities:**
 - ▶ A01: Demonstration of anaerobic cultivation and enrichment methodologies
 - ▶ A02: Demonstration of FISH and DGGE methods
 - ▶ A03: Demonstration of analysis software

Supported by:



SOCIAL PROGRAMME

- Coffee breaks at the CEB Cafeteria
- Lunch at the UMinho Panoramic Restaurant

ORGANISATION

Coordinators:

Dr. Madalena Alves
Dr. Alcina Pereira
Dr. Diana Sousa

Bioresources, Bioremediation and Biorefinery Group-BRIDGE
University of Minho
<http://lba.deb.uminho.pt/home.asp>



Universidade do Minho