

# “Seminário de Doutoramento em Ciências Químicas e Biológicas”

**SEMINÁRIO DE DOUTORAMENTO EM CIÊNCIAS QUÍMICAS E BIOLÓGICAS 2023**

Universidade de Trás-os-Montes e Alto Douro

18 julho | 9:00 – 17:30

Auditório B0.01 Blocos Laboratoriais

## PROGRAMA



### MANHÃ

- 09:00 | Sessão de abertura
- 09:30 | Microbial diversity in wineries from different wine-producing regions: design of a Synthetic Community, *Ana Cristina Aires*
- 10:10 | Monitoring of municipal waste streams and their transformation into geopolymers, *Ana Paula Ferreira*
- 10:50 | Dairy cattle and swine farms as reservoirs of *Campylobacter*: epidemiology, genetic diversity, molecular characterization, and improvements in detection methodologies, *Ana Rita Barata*
- 11:30 | Modeling, numerical simulation, and energy optimization of integrated electrolysis and methanation systems, *Luís Oliveira*

### TARDE

- 14:00 | Reduce carcinogenic risk factor associated to traditional dry-cured meat products, *Joana Santos*
- 14:40 | Innovative & personalized RNA-based therapies for rare diseases and development of models for their testing: application to Mucopolidosis II, *Mariana Gonçalves*
- 15:20 | Enantioselective aquatic and terrestrial ecotoxicity and bioaccumulation of new psychoactive substances in zebrafish and earthworms, *Andrina Ribeiro*
- 16:00 | Exploring walnut allergome: an integrated biotechnological approach leveraging *Juglans regia* genetic diversity for immunotherapy and hypoallergenic product development, *Rafael Vilamarim*
- 16:40 | Microbiota on wineries' surfaces: characterization and control, *Rita Maioto*



O “Seminário de Doutoramento em Ciências Químicas e Biológicas”, que irá realizar-se no dia 18 de julho, entre as 9 e as 17h30, no auditório B0.01 do Edifício de Blocos Laboratoriais.