

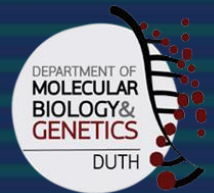


Summer School Technical Workshop



ΔΗΜΟΚΡΙΤΕΙΟ
ΠΑΝΕΠΙΣΤΗΜΙΟ
ΘΡΑΚΗΣ

DEMOCRITUS
UNIVERSITY
OF THRACE



 Alexandroupolis,
Greece

 6-7 May 2026

Submit here:





Innovating Biotechnology for a Sustainable and Resilient Future

Department of Molecular Biology and Genetics, Democritus University of Thrace, Alexandroupolis, Greece

About the event

6-7 May 2026

Organized within the framework of the TOLERATE project, the Summer School and Technical Workshop bring together leading researchers, early-career scientists and industry experts to discuss emerging scientific and technological advances in microbial biotechnology, genomics, and environmental sustainability. Emphasis is placed on innovative solutions supporting climate change adaptation, sustainable agri-food systems and the development of bio-based applications. The program combines expert lectures, industry perspectives, and hands-on laboratory training modules, fostering interdisciplinary collaboration and knowledge exchange while providing participants with both theoretical insights and practical experience in cutting-edge methodologies.



TOLERATE Consortium

(<https://tolerate-eu-project.com>)

Program Highlights

Organized by:

- 🌱 Synthetic biology and microbial cell factory design
- 🌱 Ancient DNA genomics and microbial diversity
- 🌱 Molecular dynamics and biomolecular NMR in structural biology
- 🌱 Environmental sustainability assessment and LCA
- 🌱 EU regulatory framework for microorganisms in sustainable agri-food systems

Industry Roundtable

- 🌱 Discussion with TOLERATE industrial partners on innovation pathways, biotechnology applications and career opportunities in industry.

Hands-on Training Modules

- 🌱 Ancient DNA analysis from environmental samples
- 🌱 Soil microbial identification using genetic toolkits
- 🌱 Microbiome / rhizobiome community analysis
- 🌱 Flow cytometry applications in bioactivity assessment
- 🌱 Interactive molecular visualization of biomolecular structures

Target Participants

MSc students, PhD candidates, early-career researchers and professionals interested in microbial biotechnology, environmental genomics and sustainable bio-based innovation.

Expression of Interest

Interested participants are invited to submit an Expression of Interest [[Google Form Link](#) or QR Code] to attend the TOLERATE Summer School. Due to the hands-on nature of training modules, a limited number of participants will be selected. Certificate of participation will be provided.

For further information please contact: apappa@mbg.duth.gr or agalanis@mbg.duth.gr

