

BIP: Trends in Biotechnology: Where Biology Meets Technology

The Blended Intensive Programme “Trends in Biotechnology: Where Biology Meets Technology” will be held from **7 April to 16 April 2025** at the Faculty of Biotechnologies, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania.

Target students: **Bachelor and Master students**

Duration: **75 hours (3 ECTS)**

Modality: **On-line and in person**

Dates for physical activities: **7 - 11 April 2025**

Proposed period for virtual component (online): **1 - 4 April 2025 & 16 April 2025**



Address: Faculty of Biotechnologies, 59 Mărăști Boulevard, District 1, Bucharest, 011464.

Faculty of Biotechnology on Google maps: <https://maps.app.goo.gl/2EM8aG3CF7GvWfU27>

Online event: Zoom

Registration link: <https://forms.gle/D7MJYy4vA11h3U46>



How to get to Bucharest

BY AIR

As our university is situated in the capital city of Romania, Bucharest, it is very easy to get to us by air as the airport Bucharest Henri Coandă is about 12 km to the University Campus.

Accommodation



The participating students and staff will be housed in the dorms of the University of Agronomic Science and Veterinary Medicine of Bucharest – which has a green campus of over 40ha in the centre of Bucharest.

*Participants may be allowed to stay for an additional day if necessary. You must inform us about this before arrival and wait for our confirmation.

Field trips and social programme

The participants will have the opportunity to visit two of our leading research institution:

+ Field visits to relevant sites such as a visit to the animal farm station *“Stațiunea didactică de Cercetare Dezvoltare Agronomică Moara Domnească”*



+ Field visits to the winery *“Stațiunea Didactică și de Cercetare Dezvoltare pentru Pomicultură și Viticultură Pietroasa - Istrița”*.



+ Bucharest cultural visit tour



The Blended Intensive Program (BIP) entitled „**Trends in Biotechnology: Where Biology Meets Technology**” offers an interdisciplinary learning experience at the crossroads of biotechnology and the One Health concept. Designed for bachelor and master students, this program blends online learning with a short but intensive in-person component that will be held in the Faculty of Biotechnology – USAMV of Bucharest. Participants will explore how biotechnological innovations can be leveraged to address complex health challenges that span human, animal, and environmental health.

Key Themes:

- **One Health Concept:** Understand the interconnectedness of human, animal, and environmental health, and explore collaborative strategies to address global health issues such as zoonotic diseases, antimicrobial resistance, and ecosystem degradation.
- **Biotechnology Applications:** Delve into cutting-edge biotechnological tools and techniques, including genomics, synthetic biology, and bioinformatics, that are driving advancements in diagnostics, therapeutics, and sustainable agriculture.
- **Interdisciplinary Collaboration:** Engage in multidisciplinary teamwork to develop solutions that are both scientifically robust and socially responsible, recognizing the ethical and policy implications of biotechnological interventions in One Health.