Hungarian University of Agriculture and Life Sciences
Szent István Campus
Scientific Students' Conference
18 November 2026
Programme

Welcome addresses and plenary lectures

9.00 - Opening of MATE's Institutional Scientific Students' Conference
Venue: MATE *Szent István Campus, Knowledge Centre, Room 9*

Central welcome addresses
Prof. Dr. Csaba Gyuricza, Rector
Prof. Dr. Zoltán Kovács, Vice-Rector (address in English)
Prof. Dr. Lajos Helyes, Chair of the Talent Council
Dr. András Béres, campus director

9.15 – Campus welcome addresses

After the Campus opening ceremony, the section will take place in Room 221 of the Knowledge Centre. (2100 Gödöllő, Páter Károly u. 1.)

Biotechnology and Applied Sciences Section

Section committee:

Chair: **Dr. András Táncsics** Professor, Head of Department, MATE Institute of Aquaculture and Environmental Safety, Department of Molecular Ecology
Members: **Dr. Nikolett Tokodyné Szabadi** Research Fellow, MATE Institute of Genetics and Biotechnology, Department of Animal Biotechnology
Dr. Mátyás Cserháti Associate Professor, MATE Institute of Aquaculture and Environmental Safety, Department of Molecular Ecology
Dr. Bálint Biró Research Fellow, MATE Institute of Genetics and Biotechnology, Department of Animal Biotechnology
Student representative: **Janka Bedő** PhD student, MATE Institute of Genetics and Biotechnology, Department of Genetics and Genomics
Secretary: **Arnold Tóth** PhD student, MATE Institute of Genetics and Biotechnology, Department of Animal Biotechnology

Section organiser: **Dr. Orsolya Ivett Hoffmann** Senior Research Fellow, Group Leader, MATE Institute of Genetics and Biotechnology, Department of Animal Biotechnology

Student presentations:

FATIMA ISLAM MSc in Crop Production Engineering, full-time, 3rd semester (Szent István Campus)
Title: **Epigenetic Regulation of Tomato Trichome Development**
Supervisor: **Dr. Tünde Nyikó** Senior Research Fellow, MATE Institute of Genetics and Biotechnology, Department of Plant Biotechnology

ZSÓFIA JANITOR MSc in Agricultural Biotechnology, full-time, 3rd semester (Szent István Campus)

Title: **RT-qPCR analysis of Flowering Locus T (FT) and Flowering Locus C (FLC) gene expression in radish**

Supervisors: **Dr. Andrea Kitti Tóth-Lencsés** Assistant Professor, MATE Institute of Genetics and Biotechnology, Department of Genetics and Genomics
Dr. Zsolt Galli Senior Germplasm Development Scientist, Syngenta Hungary Kft.

GHOFRAN FHAIEL MSc in Agricultural Biotechnology, full-time, 3rd semester (Szent István Campus)

Title: **Enhancing CRISPR/Cas9 Genome Editing Efficiency in Mouse Embryos Using Cell-Penetrating Peptides (CPP)**

Supervisors: **Dr. Lilla Bodrogi** Senior Research Fellow, MATE Institute of Genetics and Biotechnology, Department of Animal Biotechnology
Dr. Gabriella Skoda Research Fellow, MATE Institute of Genetics and Biotechnology, Department of Animal Biotechnology

FAEZEH HADAVANDKHANI MSc in Agricultural Biotechnology, full-time (Szent István Campus), 3rd semester

Title: **Optimization and Analysis of microRNA Profiling in Follicular Fluid from Microplastic-Fed Rabbits**

Supervisor: **Dr. Lilla Bodrogi** Senior Research Fellow, MATE Institute of Genetics and Biotechnology, Department of Animal Biotechnology

KAREN SEDINAM AMA AHIAKONU MSc in Ecotoxicology, full-time, 3rd semester (Szent István Campus)

Title: **Investigation of the Molecular Effects of Glyphosate on Imipenem Resistance in Pseudomonas aeruginosa**

Supervisors: **Dr. Erzsébet Baka** Research Associate, MATE Institute of Aquaculture and Environmental Safety, Department of Molecular Ecology
Dr. Judit Hahn Senior Research Fellow, MATE Institute of Aquaculture and Environmental Safety
Renáta Ábráham Assistant Research Fellow, MATE Institute of Aquaculture and Environmental Safety, Department of Molecular Ecology

OTIM DENISH OKORI MSc in Agricultural Biotechnology, full-time, 3rd semester (Szent István Campus)

Title: **Development of Automated Microscopic Examination Methods Using Mouse Embryos**

Supervisors: **Dr. Elen Gócza** Scientific Advisor, MATE Institute of Genetics and Biotechnology, Department of Animal Biotechnology
Dr. Bence Lázár Research Fellow, MATE Institute of Genetics and Biotechnology, Department of Animal Biotechnology

ALAND ARAM KHALEEL SALIHI MSc in Agricultural Biotechnology, full-time, 3rd semester (Szent István Campus)

Title: **Development of callogenesis-based regeneration protocol for the 'Tizenegyes' sweet pepper cultivar**

Supervisor: **Dr. Bánk Pápai** Assistant Professor, MATE Institute of Genetics and Biotechnology, Department of Genetics and Genomics

SEIF ALAAELDIN ABDELBADEA DAWOUD SOLIMAN MSc in Agricultural Biotechnology, full-time, 3rd semester (Szent István Campus)
Title: **Investigation of the Reaction of Spring Barley to Abiotic Stress**
Supervisors: **Dr. Zsófia Kovács** Assistant Professor, MATE Institute of Genetics and Biotechnology, Department of Genetics and Genomics
Dr. Ákos Tarnawa Associate Professor, MATE Institute of Crop Sciences, Department of Agronomy

MARCELO GABRIEL PONCE FLORES MSc in Agricultural Biotechnology, full-time, 3rd semester (Szent István Campus)
Title: **Effects of Cytokinins on the In Vitro Multiplication and Growth of Dendrobium bigibbum var. compactum**
Supervisor: **Dr. Bánk Pápai** Assistant Professor, MATE Institute of Genetics and Biotechnology, Department of Genetics and Genomics

ELMIRA AND ELNAZ SAFARPOURGHADI, MSC in Environmental Sciences, 3rd semester (Szent István Campus)
Title: **Atmospheric Water Harvesting Technologies for Water Security in Iran: Opportunities, Challenges and Future Perspectives**
Supervisor: **Dr. Gábor Géczi,** MATE Institute of Environmental Sciences, Department of Environmental Analysis and Technologies

Section closing and announcement of results will take place after the presentations in the section room (Knowledge Centre, Room 221).

We warmly welcome you to the sections of MATE's Scientific Students' Conference!
The event is free and open to the public; no registration is required.