



Hungarian University of Agriculture and Life Sciences
Szent István Campus
Student Research Conference

20th May 2026
programme

9.00 a.m. The opening of the MATE Student Research Conference at Szent István Campus

place: MATE “Tudástranszfer Központ” ground floor T-9 auditorium

Conference opening: Prof. Dr. Gyuricza, Csaba rector

Prof. Dr. Kovács, Zoltán vice-rector

Prof. Dr. Szendrő, Péter president of OTDT

Prof. Dr. Helyes, Lajos full professor

9.30 a.m. After the Campus opening, the section will be held in Tudástranszfer Központ (TK) building room No. 222.

Biotechnology and Applied Agricultural Sciences Section

Committee:

chair: **Dr. Milán Farkas**, senior research fellow, MATE Szent István Campus, Institute of Agricultural and Environmental Safety, Department of Molecular Ecology

members:

Dr. Zsófia Kovács, assistant professor, MATE Szent István Campus, Institute of Genetics and Biotechnology, Department of Genetics and Genomics

Dr. Lilla Bodrogi, senior research fellow, MATE Szent István Campus, Institute of Genetics and Biotechnology, Department of Animal Biotechnology

student member/ secretary:

Bánk Pápai, PhD student, MATE Szent István Campus, Institute of Genetics and Biotechnology, Department of Genetics and Genomics

section organiser: **Dr. Orsolya Ivett Hoffmann**, senior research fellow, MATE Szent István Campus, Institute of Genetics and Biotechnology, Department of Animal Biotechnology

Presentations:

PRODIPTO BISHNU ANGON, Crop production engineer, MSc, full-time student, 4th semester (Szent István Campus)

Title: **The Effects of Wool Pellets on Aphidoidea and Coccinellidae Species on Capsicum Annuum Plants**

Supervisor: **Dr. Orsolya Pintér**, assistant professor, MATE Plant Protection Institute, Department of Integrated Plant Protection

SURANYA NOBPAKUL, Agricultural biotechnology, MSc, full-time student, 4th semester (Szent István Campus)

Title: **Regulation of the toxin-antitoxin system of IncC plasmids**

Supervisor: **Dr. Mónika Szabó** senior research fellow, MATE Institute of Genetics and Biotechnology, Department of Microbiology and Applied Biotechnology

RABIYA YERBOL, Agricultural biotechnology, MSc, full-time student, 4th semester (Szent István Campus)

Title: **Testing CRISPR/Cas9 base editing in rabbit blastocysts cultured in vitro**

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

CISNE STEFANIA ZAMBRANO ZAMORA Wildlife Management Engineering, MSc, full-time student, 4th semester (Szent István Campus)

Title: **A drop of water, a world of life: molecular methods for aquatic biodiversity assessment**

Supervisor: **Dr. Arsalan Emami-Khoyi**, Senior Scientist, MATE Institute of Wildlife Management and Nature Conservation, Department of Wildlife Biology and Management

Coffee break (30 minutes) and TDK Orientation Programme

ESDUAR MIGUEL ANGEL ROMERO UCHARICO Agricultural biotechnology, MSc, full-time student, 4th semester (Szent István Campus)

Title: **Evaluation of the effect of Plant Growth-promoting (PGP) rhizobacteria on growth of Medicago truncatula**

Supervisor: **Dr. Ágota Domonkos** senior research fellow, MATE Institute of Genetics and Biotechnology, Department of Microbiology and Applied Biotechnology

HUAMÁN LUQUE MARJORI SOFÍA Crop production engineer, MSc, full-time student, 4th semester (Szent István Campus)

Title: **Modelling corn grain yield estimation based on VI's using satellite imagery in Sentinel-2 in Slovakia**

Supervisor: **Dr. Gábor Milics** professor, MATE Institute of Agronomy, Department of Precision Farming, and Agricultural Digitalization

TSEND-AYUSH BATBOLD Crop production engineer, MSc, full-time student, 4th semester (Szent István Campus)

Title: **Optimized gene editing approaches for functional analysis of MtNOD22**

Supervisor: **Dr. Ágota Domonkos** senior research fellow, MATE Institute of Genetics and Biotechnology, Department of Microbiology and Applied Biotechnology

The section will reach its conclusion, and results will be announced in the section room.

We are looking forward to seeing you at the Student Research Conference!

You can find the program of the other sections of the MATE Student Research Conference in the [Student Research Conference menu of the MATE website!](#)