

Teodora Feher Kričković, MSc

I BASIC INFORMATION

Surname Feher Kričković
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Affiliation University of Novi Sad, Faculty of Agriculture (UNSFA), PanCrop Lab
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II ACADEMIC RECORDS

Professional experience

2023- University of Novi Sad, Faculty of Agriculture

Progress in Higher Education & Professional Specialisation

2018- 2022 Bachelor of Science (B.Sc.), Phytomedicine, University of Novi Sad, Faculty of Agriculture

2022- 2023 Master of Science (M.Sc.), Soil, plant and genetics – Genetics and Plant breeding, University of Novi Sad, Faculty of Agriculture

2023- Doctor of Philosophy (Ph.D.), Agronomy (Genetics, Plant Breeding and Seed Science), University of Novi Sad, Faculty of Agriculture

Main research areas

- Plant Phenotypisation
- Crop responses to abiotic stresses
- Crop genetics

Academic activities

Teaching of undergraduate students

Engagements in Scientific Project

1. ClimaPannonia- Building climate resilience via large scale uptake of systemic solutions in agricultural ecosystems in the Pannonian region (2025-2029). Horizon Europe. Participant.
2. Cost action 22157: ReCrop: Reproductive Enhancement of CROP resilience to extreme climate (2023-2027) – Member
3. Interreg IPA Croatia-Serbia: Enhancing wheat genetical resistance to FHB and grain yield in the era of precision agriculture - RES Wheat (2025-2027)

III. ADDITIONAL ACADEMIC RECORDS

Progress in Academic/Research position

2023- 2024 Junior Teaching Assistant, University of Novi Sad, Faculty of Agriculture

2024- Teaching Assistant, University of Novi Sad, Faculty of Agriculture

Language skills

English (Professional working proficiency)

IV. LIST OF PUBLICATIONS

1. Mladenov V, Vujić S, Krstović S, Čabilovski R., Banjac, B, Šućur, R, Čurčić, M., Feher, T., Radišić, M., Iličić, B., Halupka, G., Jancso, M., Gelybo, G., Varga, J., Viyat, A., Nadeem, M. A., Baloch F. S. Challenges in building Pannonian climate resilience across agriculture: something old, something new, something borrowed, something blue? [version 2; peer review: 2 approved]. Open Res Europe 2025, 5:342 (<https://doi.org/10.12688/openreseurope.21666.2>)
2. Petrović, S., Banjac, B., Barać, G., Kričković, T.F., Mladenov, V. & Šućur, R. (2026). Genetic Diversity Analysis of Fruška Gora Quince Cultivars Based on SSR Markers. Contemporary Agriculture, 75(1), 115-126. <https://doi.org/10.2478/contagri-2026-0009>
3. Drašković, B., Hojka, Z., Knežević, D., Šućur, R., Banjac, B., Feher, T., & Mladenov, V. (2024). Influence of anthesis and silking synchronization of maize grain yield across different agroecological conditions. *Selekcija i semenarstvo*, 30(2), 1-12. ISSN: 0354-5881
4. Feher, T., Petrović, S., Banjac, B., Mladenov, V., Šućur, R., Čurčić, M. (2025): Germination and seed quality traits in five crops: insights from multivariate analysis. 15th CASEE Conference "Green transitions in agriculture, forestry, veterinary medicine and food systems under a changing climate". Serbia, Novi Sad, 25-27 June 2025.
5. Mladenov V, Šućur R, Banjac B, Feher T, Petrović S, Gajanayake S, Drašković B, Knežević D, Fragkostefanakis S (2024). Application and fine-tuning of ASI in corn breeding strategy and Recrop action. Symposium of Croatian Society for Plant Biology 2024
6. Feher, T., Petrović, S., Banjac, B., Šućur, R., Mladenov, V. (2024): Mechanisms and Genomic-Assisted Approaches for Mitigating Drought Stress in Crops. Book of Abstract. WORKSHOP "Molecular Insights into Stress-Resilient Crop Reproduction and Yield" Portici, Naples, Italy 16-17 september, 11
7. Banjac, B., Petrović, S., Feher, T., Matković Stojšin, M., Čurčić, M., Mladenov, V. (2025): Cereal crop responses to abiotic stress: from gene expression to yield stability. 15th CASEE Conference "Green transitions in agriculture, forestry, veterinary medicine and food systems under a changing climate". Serbia, Novi Sad, 25-27 June 2025.
8. Mladenov V, Šućur R, Banjac B, Feher T, Petrović S, Gajanayake S, Drašković B, Knežević D (2025): Approaches in modern corn breeding with reducing anthesis-silking interval (ASI) and ClimaPannonia presentation. Climate-Proof Crop Reproduction: From lab to farm, 2nd Recrop Annual Conference. Thessaloniki, Greece, 13-15.05.2025.