

Curriculum Vitae

Personal Information

Name: László Bakacsy

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Place and Date of Birth: Szeged (Hungary), September 9, 1985

Current Position: Assistant Professor, Department of Plant Biology, Faculty of Science and Informatics, University of Szeged

Education

2021: Ph.D. in Doctoral School of Environmental Sciences, Department of Plant Biology, Faculty of Science and Informatics, University of Szeged

2019 – 2021: Precision Agriculture Engineer, Faculty of Agriculture, University of Szeged

2012 – 2015: Ph.D. student, Doctoral School of Environmental Sciences, Department of Plant Biology, Faculty of Science and Informatics, University of Szeged

2010 – 2012: M.Sc. in Biology, Plant Biology specialization, Faculty of Science and Informatics, University of Szeged

2007 – 2010: B.Sc. in Biology, Supraindividual specialization, Faculty of Science and Informatics, University of Szeged

Work Experience

2023 – Present: Assistant Professor, Department of Plant Biology, Faculty of Science and Informatics, University of Szeged

2015 – 2023: Research Assistant Professor, Department of Plant Biology, Faculty of Science and Informatics, University of Szeged

Teaching Activities

Supervised Bachelor's Theses: 2023 – Zsuzsa Petra Bartal, Luca Viktória Kardos, Zsófia Orbán, and Dániel Csontos; 2022 - Jakus Kartal; 2021 - Vidéki Csanád; 2019 - Ági Tombácz and Gergő Lévai

National Conference of Scientific Students' Associations (OTDK) Supervision:

2021 - Sípos Lilla (XXXV. OTDK, Biology Section) (50% supervisor),

2019 - Németh Virág Alexandra (XXXIV. OTDK, Physics, Earth Sciences, and Mathematics Section)

2015 –Teaching Courses: Plant Systematics practice, Plant anatomy practice, Plant Knowledge Field Practices, and Invasive and Weed Plants for biology students

Research Activities

2023 – Investigation of the impact of invasive plant species on fine-scale vegetation patterns and diversity

2008 – Study of invasive plant species in protected open sand grasslands of Kiskunság

2019 – 2022: Investigation of the effects of secondary metabolites produced by *Juncus* species on *Arabidopsis thaliana* model plants

Research Grants

2022-2024: Mecenatura. Collaborator on the project "Plants under the Microscope: Digitization of the SZTE Department of Plant Biology's Microscopic Section Collection" (ID: MEC_K 141281)

2018-2022: FK-OTKA. Collaborator on the project " Investigation of interactions between the polyamine catabolism and hyposination processes in tomatoes during salt stress" (ID: 129061)

2018-2022: FK-OTKA. Collaborator on the project " Engineering of rapeseed redox pathways to improve environmental stress tolerance." (ID: 128920)

2018-2022: K-OTKA. Collaborator on the project " Juncaceae family: Promising source of biologically active compounds" (ID: 128963)

2020: National Scholarship for Young Talents "B" Component. Scholar on the research project "Investigation of the Structural Organization of Common Milkweed (*Asclepias syriaca* L.) Stands" (ID: NTP-NFTÖ-20-B-0008)

2019: National Scholarship for Young Talents "B" Component. Scholar on the research project "Investigation of the Effects of Phenanthrenes Produced by *Juncus* Species on *Arabidopsis thaliana* Seedlings" (ID: NTP-NFTÖ-19-B-0208)

Committees

2020 – Member with voting rights of the Hungarian Academy of Sciences (MTA) Szeged Regional Committee Geoinformatics and Geostatistics Working Committee

2021-2023: Member of the Hungarian Plant Biology Society

Editorial Board Memberships

2022 - Journal of Zoological and Botanical Gardens

Studies and research abroad

- 2023: ERASMUS Teaching Mobility, 1 week. University of Porto, Porto, Portugal
- 2019: ERASMUS Teaching Mobility, 1 week. Cyprus University of Technology, Limassol, Cyprus
- 2018: ERASMUS Teaching Mobility, 1 week. Università degli studi di Firenze, Florence, Italy
- 2017: ERASMUS Teaching Mobility, 1 week. Università degli studi di Firenze, Florence, Italy
- 2013: ERASMUS Partial Training, 9 months. Università degli studi di Firenze, Florence, Italy

Publications (links)

ORCID: <https://orcid.org/0000-0003-2593-1795>

Google Scholar: <https://scholar.google.com/citations?user=noXaZG8AAAAJ&hl=hu&oi=ao>

ResearchGate: <https://www.researchgate.net/profile/Laszlo-Bakacsy>

MTA TABT: <https://tab.mta.hu/szegedi-teruleti-bizottsag/szervezeti-felepites/testuletek/?CommitteeId=962>

MTMT: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10055585>