

Diana Margaret Szilva

research engineer – doctoral candidate

Contact

Széchenyi István University
Faculty of Agricultural and Food Sciences,
Department of Food Biotechnology
9200 Mosonmagyaróvár, Lucsony Street 15-17.

Phone: +36 30 407 2810

Email: szilva.diana.margareta@sze.hu

Language skills: Hungarian, English

English (B2-level complex language exam)

Certificate: 2556015 (VG320-00683)



Current job title

Széchenyi István University, Faculty of Agricultural and Food Sciences, Department of Food Biotechnology – Research Engineer

9200 Mosonmagyaróvár, Lucsony Street 15-17.

Studies and academic degrees

- **2011-2016:** University of Debrecen, Faculty of Natural Sciences and Technology – Chemistry BSc , Chemist
- **2017-2018:** Debrecen Rivera-Tanoda Ltd. – Confectioner
- **2021-2023:** University of Debrecen, Faculty of Agriculture, Food Science and Environmental Management – Food Safety and Quality Engineer Msc
- **2026- present :** Széchenyi István University, Wittmann Antal Department of Plant, Animal and Food Science Multidisciplinary Doctoral School, Gábor Pulay Food Science Doctoral Program – PhD student

Professional experience

- **2013:** Nébih Pesticide Residue Analysis Laboratory – Intern
- **2022:** University of Debrecen, Faculty of Agriculture, Food Science and Environmental Management, Institute of Food Technology and the Food Industry Innovation Center – Product Developer, Quality Assurance Intern
- **2024–2025:** University of Debrecen, Faculty of Agriculture, Food Sciences and Environmental Management, Agricultural and Food Industry Knowledge Utilization Center – Department Engineer
- **2025.03.– present:** Széchenyi István University, Albert Kázmér Mosonmagyaróvár Faculty, Department of Food Biotechnology – Research Engineer

Educational and research activities

At the University of Debrecen (2024–2025), I performed research and development tasks as a departmental engineer at the Agricultural and Food Industry Knowledge Utilization Center (e.g. conducting microbiological and

analytical tests, developing functional foods and ingredients, planning and documenting experiments, and providing professional support for research projects).

As a research engineer at Széchenyi István University (2015–present), I conduct food biotechnology and microbiology research (e.g. testing prebiotics and probiotics, application of in vitro digestion and fermentation models, microbiological and analytical measurements).

For my work close connected to students laboratory and research of its activities support of this within the framework of I contribute experimental works in preparation and in its implementation, as well as in its research methods and measurement procedures practical of mastering in helping.

Topic management and talent management (summary until 2026):

- 4 students graduated with MSc / BSc degrees
- I participated in the organization and implementation of events aimed at promoting the faculty, including open days and other enrollment programs, and city events.

Application and project activities

In the past 2 years, I have participated as a professional contributor in the implementation of several domestic and EU- funded research and development projects:

- GINOP_PLUSZ-2.1.1-21-2022-00157
- GINOP_PLUSZ-2.1.1-21-2022-00241
- 2024-1.1.1-SME_FOCUS-2024-00069
- 2023-1.1.1-MARKET_FOCUS-2024-00039

Publications, citations, patents

Publication data (MTMT, until 2026; identifier: 10099662):

<https://www.researchgate.net/profile/Diana-Szilva/research>

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10099662>

- Scientific journal article (Hungarian + foreign language): 2 (1 + 1)
- Conference paper (Hungarian + foreign language): 12 (5 + 7)
- Abstract: 12
- Total announcements: 14