

Curriculum Vitae

Personal Details

Name: Ádám Gyöngyössi

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Current Positions

Pharmaceutical Engineering MSc student, Budapest University of Technology and Economics, Faculty of Chemical Technology and Biotechnology, Department of Organic Chemistry and Technology

PhD student, Budapest University of Technology and Economics, Faculty of Chemical Technology and Biotechnology, Department of Organic Chemistry and Technology, Innovative Pharmaceutical and Chirotechnological Research Group

Education

BSc in Chemical Engineering (2024), Budapest University of Technology and Economics, Faculty of Chemical Technology and Biotechnology

Research Experience

- Semi-continuous flow synthesis of heterocyclic capsaicinoids for potential agricultural application.
- Continuous flow synthesis of recently accepted API intermediates (Pacritinib, Paliperidone).

Fellowships and Grants

- University Researchers' Scholarship (2025-2026).
- 3rd place Award of Students' Scientific Research Conference, Budapest University of Technology and Economics (2023).
- National Higher Education Scholarship by Ministry of Human Capacities (2024-2026).
- Excellent Student Award of the Faculty of Chemical Technology and Biotechnology (2025).

- Scholarship of the Faculty of Chemical Technology and Biotechnology (2024, 2025).

Most Important Publications Over the Last Five Years

1. Gyöngyössi, Á.; Köntös, Z. The Recycling of Lithium from LiFePO₄ Batteries into Li₂CO₃ and Its Use as a CO₂ Absorber in Hydrogen Purification. *Clean Technol.* 2024, 6(4), 1504-1518.
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