

CURRICULUM VITAE

Personal data:

Name: Patrik Pollák
Place and date of birth: Budapest, 30.08.1997.
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School studies:

2022 – currently Semmelweis University, Department of Organic Chemistry, Doctoral School of Pharmaceutical Sciences, **PhD student** – pharmaceutical sciences

2020 – 2022 Budapest University of Technology and Economics, Faculty of Chemical Technology and Biotechnology, **master's degree in chemical engineering** – specialization in process engineering

2016 – 2020 Budapest University of Technology and Economics, Faculty of Chemical Technology and Biotechnology, **bachelor's degree in chemical engineering** – specialization in pharmaceutical industry

Work experience:

January 2022 – currently **Lecturer** – Semmelweis University

- Teaching organic Chemistry I. and II. subjects to second-year pharmacy students
- Teaching laboratory practice and seminars both in Hungarian and English
- BME - Chemical Engineering BSc student thesis supervision

June 2021 – January 2022 **Production Coordinator** – Sanofi/EUROAPI Hungary Ltd.

- Coordination of intermediate and active substance production with HSE and GMP regulations
- Process efficiency and productivity increase
- Participation in production line, plant management and QA investigations
- Creating, developing and validating new recipes in a DeltaV process control system

March 2021 – May 2021 **Production Intern** – Sanofi

- Production-related data extraction and analysis
- Supporting production coordinators, process engineers and quality assurance engineers

August 2020 – March 2021 **Research and Development Intern** – Egis Pharmaceuticals Ltd.

- Research and development of crystallization processes of active substances
- Research and development of continuous flow chemistry syntheses
- Active ingredient grinding experiments

June 2018 – July 2020 **Quality Control Laboratory Intern** – Egis Pharmaceuticals Ltd.

- Analytical quality control of biosimilars
- Production of HPLC-IEC, SEC, CE eluents with GMP specifications

July 2019 – August 2019 **Summer internship** – Egis Pharmaceuticals Ltd.

- Formulation of tablets, film-coated tablets and granules
- Study of manufacturing problems and IPC measurements of products
- Cleanroom work with GMP regulations

Research work:

January 2022 – currently Egis Pharmaceuticals Ltd., Directorate of Active Ingredient Development, Preparative Research Laboratory 2: **Total synthesis of biologically active natural compounds**

September 2018 – January 2020 Budapest University of Technology and Economics, Faculty of Chemical Technology and Biotechnology, Environmentally Friendly and Phosphorus Chemistry Research Group: **Research Development of the production of Pamidronate**

February 2020 – March 2021 Egis Pharmaceuticals Ltd., API development pilot plant, Operation Development Laboratory: **Production of pharmaceutical intermediate by flow chemical synthesis**

Other certificates:

Cochrane Hungary: Evidence-based health promotion and disease prevention in 2022

17th Belgian Organic Synthesis Symposium (BOSS) participation and poster presentation: "Comparison of Robinson-Gabriel synthesis and Bischler-Napieralski reaction in the case of pimprinine and harmalan alkaloids"

Organizations:

February 2022 – currently **Association of Hungarian Chemists (MKE)**

January 2020 – currently **Integrated Association of Chemical Engineers (VIE)**

Language skills:

General C1 english exam (2018)

Technical B2 english exam with environmental supplement (2021)

Budapest, August 2022.