



Patrick Schimpl

MA. MSc.

Chem ◦ Anthro ◦ CS ◦ Futures

Philippovichgasse 2-4/2/16, 1190 Vienna ◦ +43 699 11909500

patrick.schimpl@univie.ac.at ◦ github.com/cosmopax

"Bridging molecular precision and societal foresight to engineer desirable futures."



Highlight: Policy & Consultation

OECD - HQ

Expert Consultant

Invited Expert for 'Responsible Innovation and Anticipatory Governance of Emerging Biotechnologies'. Advising on governance frameworks for SynBio/AI convergence.

Paris

2025

Academic Leadership & Mentoring

BISC-E Competition (European Finals)

Supervisor

Supervision of BOKU University Team (Bronze Medal).

Europe

2025

iGEM Competition (Grand Jamboree)

Judge

Evaluating global synthetic biology projects.

Global

2024–Present

Ethnocineca

Film Reviewer

Critical analysis of anthropological documentaries (Academic Program).

Vienna

2015–2018

CHAGS XI

Organizing Team

Logistics/Coordination for Conference on Hunting and Gathering Societies.

Vienna

2015

Academic & Research Experience

University of Vienna

Lecturer & Scientific Research Affiliate

Depts: Organic Chemistry, Theoretical Bioinformatics, Inorganic Chemistry.

R&D Focus: Novel Pleiotropic Neurotherapeutics & Self-Driven Adaptive Lab Systems.

Methodology: Designing teleonomic, optimization-driven agential frameworks leveraging catalytic reticular matrices.

2021–Present

Recent Publications

Design and Synthesis of Novel Pleiotropic GABAergic agents.

Status: Undisclosed pending patent application.

2025

Holobiontic Earth - AI meets Biological Machines.

Subtitle: A futures study on the convergence of natural and artificial realms. (ISBN 979-8333202765)

2024

Awards & Strategic Achievements

Fundamental Milestone Award

Wilhelm Exner Lectures

Total Synthesis of Pyochelin.

Global

2023

Silver Medal

iGEM

Biomanufacturing Sex Hormones.

Global

2023

Performance Scholarship <i>University of Vienna</i> Merit-based Excellence Grant.	Vienna 2023
State Chess Champion (Vienna) & National Bronze Medalist <i>ÖSB - Austrian Chess Federation</i> Strategic foresight.	Austria 1996–1999

Education

University of Vienna <i>MSc Chemistry (Highest Honors)</i>	2023–2025
University of Vienna <i>MA Cultural & Social Anthropology</i>	2019–2023
University of Graz <i>Certified Teacher</i> Subjects: Chemistry, Biology, Informatics.	2024
University of Vienna <i>BSc Chemistry</i>	2020–2022
University of Vienna <i>BA Cultural & Social Anthropology</i>	2009–2012

Civic Leadership & Non-Profit

Artificial Life Institute <i>Founder & Director</i> Research in AI and Synthetic Biology for the greater good.	Vienna 2020–Present
Wunderwelt <i>Founder & Director</i> Promoting autonomous local structures.	Vienna 2016–Present

Entrepreneurial & Corporate Experience

Cosmogenetic Biomass <i>Founder</i> Automated cultivation systems.	Vienna 2007–2019
Cosmogenetic Electrotech <i>Founder</i> Specialized electronic devices.	Vienna 2007–2019
Entrecote <i>Founder</i> Modeling agency services.	Vienna 2007–2019
WiSco International Freight <i>Head of Customer Service</i> Logistics optimization.	Vienna 2004–2016

Competencies

Hard Science: Organic Synthesis, Flow Chemistry, Metabolic Engineering, NMR, HPLC
Technology: Python, Agential Frameworks, Git, Automation Scripting
Languages: German (Native), English (Fluent), Spanish/French (Advanced)