



Patrick Schimpl

MA. MSc.

Chem ○ Anthro ○ CS ○ Futures

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



Highlight: Policy & Consultation

OECD - HQ

Paris
2025

Expert Consultant

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

Academic Leadership & Mentoring

BISC-E Competition (European Finals)

Europe
2025

Supervisor

Supervision of BOKU University Team (Bronze Medal).

iGEM Competition (Grand Jamboree)

Global
2024–Present

Judge

Evaluating global synthetic biology projects.

EthnoceneCA

Vienna
2015–2018

Film Reviewer

Critical analysis of anthropological documentaries (Academic Program).

CHAGS XI

Vienna
2015

Organizing Team

Logistics/Coordination for Conference on Hunting and Gathering Societies.

Academic & Research Experience

University of Vienna

2021–Present

Lecturer

Faculty Chemistry, Departments: OC, TBI; IOC, formerly Faculty Biology, Department: Mol. Bio
Conception and Teaching of Practical Lab Course: Automation in Everyday Lab Routine; Teaching
of Practical Lab Courses from various domains of Chemistry

Scientific Research Affiliate

Faculty of Pharmacy, Department of Pharmaceutical Chemistry

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

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

Recent Publications

Design and Synthesis of Novel Pleiotropic GABAergic agents.

2025

Status: Undisclosed pending patent application.

Holobiontic Earth - AI meets Biological Machines. 2024
Subtitle: A futures study on the convergence of natural and artificial realms.
(ISBN 979-8333202765)

Awards & Strategic Achievements

Wilhelm Exner Lectures	Global
<i>Fundamental Milestone Award</i>	2023
Total Synthesis of Pyochelin.	
iGEM	Global
<i>Silver Medal</i>	2023
Biomanufacturing Sex Hormones.	
University of Vienna	Vienna
<i>Performance Scholarship</i>	2023
Merit-based Excellence Grant.	
ÖSB - Austrian Chess Federation	Austria
<i>State Chess Champion (Vienna) & National Bronze Medalist</i>	1996–1999
Strategic foresight.	

Education

University of Vienna	
<i>MSc Chemistry (Highest Honors)</i>	2023–2025
Focus: Drug Development, Bioinformatics, Automation.	
University of Vienna	
<i>MA Cultural & Social Anthropology</i>	2019–2023
Focus: Futures Studies, AI Architectures.	
University of Graz	
<i>Certified Teacher</i>	2024
Subjects: Chemistry, Biology, Informatics.	
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	Vienna
<i>Founder & Director</i>	2020–Present
Research in AI and Synthetic Biology for the greater good.	
Wunderwelt	Vienna
<i>Founder & Director</i>	2016–Present
Promoting autonomous local structures.	

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)