



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.

Ethnocineca

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

Lecturer & Scientific Research Affiliate

2021–Present

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.

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

Fundamental Milestone Award

Global

2023

Wilhelm Exner Lectures

Total Synthesis of Pyochelin.

Silver Medal

Global

2023

iGEM

Biomanufacturing Sex Hormones.

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

Education

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

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.	

Entrepreneurial & Corporate Experience

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

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)

