



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

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.

2023

Silver Medal (iGEM) - Biomanufacturing Sex Hormones.

2023

University Performance Scholarship - Merit-based Excellence Grant.
State Chess Champion (Vienna) & National Bronze Medalist.
Strategic foresight.

2023
1996–1999

Education

University of Vienna
MSc Chemistry (Highest Honors)

University of Vienna
MA Cultural & Social Anthropology

University of Graz
Certified Teacher
Subjects: Chemistry, Biology, Informatics.

University of Vienna
BSc Chemistry

University of Vienna
BA Cultural & Social Anthropology

2023–**2025**

2019–2023

2024

2020–2022

2009–2012

Civic Leadership & Non-Profit

Artificial Life Institute
Founder & Director
Research in AI and Synthetic Biology for the greater good.

Wunderwelt
Founder & Director
Promoting autonomous local structures.

Vienna
2020–Present

Vienna
2016–Present

Entrepreneurial & Corporate Experience

Cosmogenetic Biomass
Founder
Automated cultivation systems.

Cosmogenetic Electrotech
Founder
Specialized electronic devices.

Entrecote
Founder
Modeling agency services.

WiSco International Freight
Head of Customer Service
Logistics optimization.

Vienna
2007–2019

Vienna
2007–2019

Vienna
2007–2019

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)