



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.

2023

State Chess Champion (Vienna) & National Bronze Medalist.

1996–1999

Strategic foresight.

Education

University of Vienna

MSc Chemistry (Highest Honors)

2023–2025

University of Vienna

MA Cultural & Social Anthropology

2019–2023

University of Graz

Certified Teacher

2024

Subjects: Chemistry, Biology, Informatics.

University of Vienna

BSc Chemistry

2020–2022

University of Vienna

BA Cultural & Social Anthropology

2009–2012

Civic Leadership & Non-Profit

Artificial Life Institute

Founder & Director

Research in AI and Synthetic Biology for the greater good.

Vienna

2020–Present

Wunderwelt

Founder & Director

Promoting autonomous local structures.

Vienna

2016–Present

Entrepreneurial & Corporate Experience

Cosmogenetic Biomass

Founder

Automated cultivation systems.

Vienna

2007–2019

Cosmogenetic Electrotech

Founder

Specialized electronic devices.

Vienna

2007–2019

Entrecote

Founder

Modeling agency services.

Vienna

2007–2019

WiSco International Freight

Head of Customer Service

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)