



# 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

*Expert Consultant*

2025

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

*Supervisor*

2025

Supervision of BOKU University Team (Bronze Medal).

### iGEM Competition (Grand Jamboree)

Global

*Judge*

2024–Present

Evaluating global synthetic biology projects.

### Ethnocineca

Vienna

*Film Reviewer*

2015–2018

Critical analysis of anthropological documentaries (Academic Program).

### CHAGS XI

Vienna

*Organizing Team*

2015

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 (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

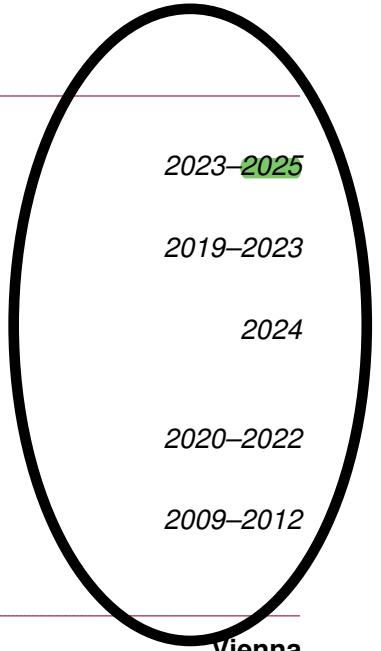
*BSc Chemistry*

2020–2022

### University of Vienna

*BA Cultural & Social Anthropology*

2009–2012



Vienna

2020–Present

## Civic Leadership & Non-Profit

### Artificial Life Institute

*Founder & Director*

Vienna

Research in AI and Synthetic Biology for the greater good.

2016–Present

### Wunderwelt

*Founder & Director*

Promoting autonomous local structures.

## Entrepreneurial & Corporate Experience

### Cosmogenetic Biomass

Vienna

*Founder*

2007–2019

Automated cultivation systems.

### Cosmogenetic Electrotech

Vienna

*Founder*

2007–2019

Specialized electronic devices.

### Entrecote

Vienna

*Founder*

2007–2019

Modeling agency services.

### WiSco International Freight

Vienna

*Head of Customer Service*

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)