



# 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

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.

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.**

Strategic foresight.

1996–1999

## Education

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### 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

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### 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

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### 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

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**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)