



# 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

<b>Fundamental Milestone Award</b> (Wilhelm Exner Lectures) - Total Synthesis of Pyochelin	2023
<b>Silver Medal</b> (iGEM) - Biomanufacturing Sex Hormones.	2023
<b>University Performance Scholarship</b> - Merit-based Excellence Grant.	2023
<b>State Chess Champion (Vienna) &amp; National Bronze Medalist.</b> Strategic foresight.	1996–1999

## Education

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

## Civic Leadership & Non-Profit

<b>Artificial Life Institute</b> <i>Founder &amp; Director</i> Research in AI and Synthetic Biology for the greater good.	Vienna 2020–Present
<b>Wunderwelt</b> <i>Founder &amp; Director</i> Promoting autonomous local structures.	Vienna 2016–Present

## Entrepreneurial & Corporate Experience

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