



# 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

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<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>		2024
Subjects: Chemistry, Biology, Informatics.		
<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

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

## Entrepreneurial & Corporate Experience

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<b>Cosmogenetic Biomass</b>	<b>Vienna</b>
<i>Founder</i>	2007–2019
Automated cultivation systems.	
<b>Cosmogenetic Electrotech</b>	<b>Vienna</b>
<i>Founder</i>	2007–2019
Specialized electronic devices.	
<b>Entrecote</b>	<b>Vienna</b>
<i>Founder</i>	2007–2019
Modeling agency services.	
<b>WiSco International Freight</b>	<b>Vienna</b>
<i>Head of Customer Service</i>	2004–2016
Logistics optimization.	

## 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)