



# 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

<b>OECD - HQ</b>	<b>Paris</b>
<i>Expert Consultant</i>	2025
Invited Expert for 'Responsible Innovation and Anticipatory Governance of Emerging Biotechnologies'. Advising on governance frameworks for SynBio/AI convergence.	

## Academic Leadership & Mentoring

<b>BISC-E Competition (European Finals)</b>	<b>Europe</b>
<i>Supervisor</i>	2025
Supervision of BOKU University Team (Bronze Medal).	
<b>iGEM Competition (Grand Jamboree)</b>	<b>Global</b>
<i>Judge</i>	2024–Present
Evaluating global synthetic biology projects.	
<b>Ethnocineca</b>	<b>Vienna</b>
<i>Film Reviewer</i>	2015–2018
Critical analysis of anthropological documentaries (Academic Program).	
<b>CHAGS XI</b>	<b>Vienna</b>
<i>Organizing Team</i>	2015
Logistics/Coordination for Conference on Hunting and Gathering Societies.	

## Academic & Research Experience

<b>University of Vienna</b>	
<i>Lecturer &amp; Scientific Research Affiliate</i>	2021–Present
Depts: Organic Chemistry, Theoretical Bioinformatics, Inorganic Chemistry.	
<b>R&amp;D Focus:</b> Novel Pleiotropic Neurotherapeutics & Self-Driven Adaptive Lab Systems.	
<i>Methodology: Designing teleonomic, optimization-driven agential frameworks leveraging catalytic reticular matrices.</i>	

## Recent Publications

<b>Design and Synthesis of Novel Pleiotropic GABAergic agents.</b>	2025
<i>Status: Undisclosed pending patent application.</i>	
<b>Holobiontic Earth - AI meets Biological Machines.</b>	2024
<i>Subtitle: A futures study on the convergence of natural and artificial realms. (ISBN 979-8333202765)</i>	

## Awards & Strategic Achievements

<b>Fundamental Milestone Award (Wilhelm Exner Lectures)</b>	2023
Total Synthesis of Pyochelin.	
<b>Silver Medal (iGEM)</b>	2023
Biomanufacturing Sex Hormones.	

<i>University Performance Scholarship</i> Merit-based Excellence Grant.	2023
<i>State Chess Champion (Vienna) &amp; National Bronze Medalist</i> Strategic foresight.	1996–1999

## 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> 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

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

## Entrepreneurial & Corporate Experience

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