

Personal information

Nationality: Swiss, American
Location: Geneva, Switzerland
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LinkedIn: [link](#)
Grow Lab: [link](#)

Languages

English: Native
French: B2

Skill highlights

- Teaching, workshop & studio facilitation
- Biofabrication & living materials
- Digital fabrication (CNC, 3D printing)
- Sustainability projects
- Bilingual communication (EN/FR)

Personal interests

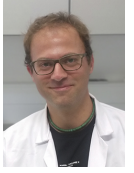
- Facilitating art, design, and science crossover
- CNC woodcarving of biological surfaces
- Additive and subtractive manufacturing
- Acoustic speaker building
- Novel biomaterials

Technical software

- Microsoft Suite
- Adobe Suite (Illustrator, InDesign, Photoshop)
- Fusion 360 / Rhino / OrcaSlicer

Profile

I am a **PhD-trained biochemist** and **Biolab founder** whose practice sits at the intersection of science and design. Over six years at Central Saint Martins (UAL), I built and ran the Grow Lab — a cross-disciplinary facility where artists, designers, and researchers prototype with living materials and experimental fabrication. I am hands-on with bench, workshop, and digital tools alike, comfortable teaching diverse cohorts, and fluent in translating between scientific and design cultures. I am actively building toward a **bio-design lab for designers in Switzerland**, and see the contemporary design scene as the natural arena for this work.



Professional Experience

Central Saint Martins - University of the Arts London, United Kingdom.

Founder & Lab Manager, Grow Lab

2019 - 2025

- Founded and built the Grow Lab from the ground up — a cross-disciplinary facility for designers, artists, and researchers working with living materials, biomaterials, and experimental fabrication — supporting hundreds of users across concurrent projects
- Supervised and taught workshops spanning microscopy, microbiology, biochemistry, and biofabrication; delivered hands-on teaching to cohorts from BA, MA, and PhD students to visiting researchers
- Mentored student projects from concept to production, advising on material choices, protocol development, fabrication strategy, and presentation
- Owned the full equipment lifecycle for a diverse suite of biological and fabrication instruments: sourcing, procurement, installation, preventive maintenance, troubleshooting, repair, and vendor management
- Built and maintained procurement and inventory systems for consumables, reagents, chemicals, and biological materials; generated clear equipment documentation and produced print/online publications for the facility

Royal College of Art, United Kingdom.

Bio Lab Consultant

Apr - Jul 2025

- Provided consultancy on the integration of bio labs with artists and designers at RCA
- Established new protocols for working with biomaterials
- Streamlined organisational processes to enhance lab efficiency and collaboration
- Developed DIY solutions for machinery repair and imaging specimens, ensuring operational continuity

University of Geneva, Switzerland.

Research fellow

2018 - 2019

Research assistant

2012 - 2017

- Contributed to the setup of the ACCESS Geneva automated imaging platform: coordinating procurement and installation of a liquid handler robot, IXM XL high-content microscope, and image-based analysis pipelines
- Performed high-throughput biochemical assays including cell culture, chemical screens, CRISPR Cas9 knockouts, and protein interaction studies using mass spectrometry
- Experienced in reagent preparation, sample handling, and maintaining experimental workflows across complex, multi-instrument environments
- Took initiative to systematise lab reagent stocks (antibodies, cell lines, chemicals) into a structured inventory, significantly improving retrieval and reducing waste

Education

Ph.D in Biochemistry

University of Geneva

2012 - 2017

M.Sc in Biochemistry

University of Geneva

2009 - 2011

B.Sc in Molecular, Cell and Developmental Biology

University of Colorado at Boulder

2003 - 2008

Art Photography

Western Michigan University

2001 - 2003

Technical skills

Design

- Mentored B.Sc, M.Sc, and PhD students through hundreds of projects over a wide variety of topics including degree-level work
- Worked closely with Central Saint Martins masters level courses such as Art & Science, Material Futures, and Biodesign
- Worked with companies such as Louis Vuitton, Canada Goose, Nike, and Audemars Piguet on sustainability projects for incorporating environmentally friendly materials into their productlines
- Photo editor for 2 years of an award-winning 4-day per week university newspaper overseeing a large staff of photographers at the *Western Herald* of Western Michigan University

Hands-on

- Woodworking - Built houses, furniture, and art
- Electrical - wiring, controllers, sensors,
- In-depth knowledge of microscopy, photography, imaging, and image analysis
- Background in photojournalism - Freelance photographer for 3 years at the Kalamazoo Gazette in Michigan, USA
- Background in art photography- digital and large format film

Biofabrication

- Expert in working with bacteria, mycelium, algae, and plants
- Production of biomaterials: bacterial cellulose, mycelium composites, bioplastics, and microbial pigments, structural color

Leadership

- Built the Grow Lab up from an empty room to make it one of the leading spaces in Europe for cross-disciplinary and collaborative work between art, design and science
- President of the University of Geneva PhD Student Association for 3 years, helping to foster a cohesive environment between the university, professors, and students. Helped organise events including the annual PhD retreat of students, speakers and vendors
- Won the *2022 Outstanding Technical or Operational Support Award* from a university-wide competition adjudged by students and peers.
- Photo editor for 2 years of an award-winning 4-day per week university newspaper overseeing a large staff of photographers at the *Western Herald* of Western Michigan University, USA

Communication

- Writing and editing in English (native) and French (fluent); produced print and online publications, protocols, reports, and grants under strict timelines
- Generated content for web and social channels: photography, video, and editorial writing on lab projects and student work
- Communicated complex scientific and operational topics clearly to mixed audiences, from faculty to non-specialist designers and artists
- Taught more than 6 years of engaging courses in microscopy, microbiology, and biochemistry
- Generated clear and thorough training documentation for lab equipment to a diverse user base