

# Charlotte Bunne

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## Academic Positions

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<b>EPFL School of Computer and Communication Sciences and School of Life Sciences</b> TENURE-TRACK ASSISTANT PROFESSOR Group: Artificial Intelligence in Molecular Medicine	<i>Lausanne, Switzerland</i> <i>since fall 2024</i>
<b>Stanford University and Genentech</b> POSTDOCTORAL RESEARCHER Advisors: Aviv Regev and Jure Leskovec	<i>San Francisco, USA</i> <i>2023 - 2024</i>

## Education

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<b>Eidgenössische Technische Hochschule (ETH) Zurich</b> PHD IN COMPUTER SCIENCE • Doctoral Committee: Andreas Krause, Marco Cuturi, Lucas Pelkmans, and Jure Leskovec • <b>ETH Medal</b> for best PhD thesis	<i>Zurich, Switzerland</i> <i>2019 - 2023</i>
<b>Massachusetts Institute of Technology (MIT)</b> VISITING STUDENT IN COMPUTER SCIENCE • Advisors: Stefanie Jegelka and David Alvarez-Melis	<i>Cambridge, USA</i> <i>2018</i>
<b>Eidgenössische Technische Hochschule (ETH) Zurich</b> M.S. IN COMPUTATIONAL BIOLOGY AND BIOINFORMATICS • <b>ETH Medal</b> for best Master thesis (awarded to top 2.5% of all ETH graduates) • <b>Willi-Studer Prize</b> for best GPA and graduated with distinction • Selected into the <b>Excellence Scholarship &amp; Opportunity Program</b> (ESOP)	<i>Zurich, Switzerland</i> <i>2016 - 2019</i>
<b>Heidelberg University</b> B.S. IN BIOSCIENCES • Major in Bioinformatics and graduated among top 2% of class • Selected as Fellow of the <b>German Academic Scholarship Foundation</b> (Studienstiftung d. dt. Volkes)	<i>Heidelberg, Germany</i> <i>2013 - 2016</i>

## Research and Work Experience

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2022 - 2023	<b>Broad Institute of MIT and Harvard</b> , Graduate Researcher • Supervisors: Anne Carpenter and Shantanu Singh	Cambridge, USA
2022	<b>Apple</b> , Research Intern • Machine Learning Group of Samy Bengio and Marco Cuturi	Paris, France
2020	<b>Google Research</b> , Research Intern • Brain Team of Jean-Philippe Vert and Marco Cuturi	Zurich, Switzerland
2019 - 2023	<b>ETH AI Center</b> , Graduate Researcher • Supervisor: Andreas Krause	Zurich, Switzerland
2018	<b>MIT CSAIL</b> , Research Assistant • Supervisors: Stefanie Jegelka and David Alvarez-Melis	Cambridge, USA
2017 - 2018	<b>IBM Research</b> , Software Engineering Intern • Cognitive Computing and Industry Solutions Group of Maria Gabrani	Zurich, Switzerland
2015 - 2016	<b>German Cancer Research Center (DKFZ)</b> , Research Assistant • Supervisors: Roland Eils and Thomas Höfer	Heidelberg, Germany

## Fellowships and Awards

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### SELECTED AWARDS

2024	<b>ETH Medal</b> , ETH Zurich	<i>Best PhD Thesis in CS</i>
2024	<b>Best Paper Award</b> , ICML AI for Science Workshop	<i>1/148 Papers</i>
2024	<b>SIB Remarkable Outputs 2023 Award</b> , SIB Swiss Institute of Bioinformatics	

2024	<b>Finalist of the German Thesis Award</b> , Körber Stiftung	11/719 Theses
2021	<b>Best Paper Award</b> , ICML Time Series Workshop	1/35 Papers
2020	<b>Best Paper Award</b> , ICML Workshop on Graph Representation Learning & Beyond	1/73 Papers
2019	<b>ETH Medal</b> , ETH Zurich	Top 2.5% of All ETH Graduates
	<b>Willi Studer Prize</b> , ETH Zurich	Best GPA of Cohort
2018	<b>Best Paper Award</b> , NeurIPS Workshop on Relational Representation Learning	1/52 Papers
2014	<b>Grand Prize</b> , iGEM Competition	1/245 Teams, 3 Special Prizes
2012	<b>Grand Prize</b> , iGEM High School Competition	1/40 Teams, 5 Special Prizes

## SELECTED FELLOWSHIPS

2020	<b>Generation Google Scholarship</b> , Google	Scholarship of \$ 7000 and recognition for PhD studies.
2018	<b>Master Thesis Grant</b> , Zeno Karl Schindler Foundation	12,000 \$ awarded in support for my Master thesis.
	<b>Fellowship for Graduate Studies Abroad</b> , Dr. Jürgen Ulderup Scholarship	Academic scholarship in support for graduate studies abroad.
2016 - 2019	<b>Excellence Scholarship and Opportunity Award</b> , ETH Zurich	Excellence scholarship of the ETH Foundation covering the full study and living costs, i.e., ~35,000 \$.
2016 - 2019	<b>Fellow of German Academic Scholarship Foundation</b> , Studienstiftung d. dt. Volkes	Germany's most prestigious academic scholarship throughout my undergraduate and graduate studies.
2015 - 2017	<b>STEM Excellence Award</b> , Manfred Lautenschläger Stiftung	Scholarship of 3000 \$ and recognition for Bachelor studies.
2010 - 2013	<b>Fellowship for Gifted Student</b> , Life Science Lab of the German Cancer Research Center	Science education of mathematically, scientifically, and technically particularly gifted high school students.

## HONORS

2022	<b>Participant of Heidelberg Laureate Forum</b> , ETH Representative	Heidelberg, Germany
	Recipient of Rhein-Neckar Grant	
	Competitive selection of participating researchers in math and computer science.	
2020	<b>Participant of Global Young Scientists Summit</b> , ETH Representative	Singapore, SG
	Competitive selection of participating young researchers in science, mathematics, and technology.	

## Press and Outreach

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2025	<b>Ground Truths by Eric Topol</b> , "The AI virtual cell: the holy grail of biology."
2025	<b>Nature</b> , "Self-driving labs, advanced immunotherapies and five more technologies to watch in 2025."
2025	<b>The Atlantic</b> , "A Virtual Cell Is a 'Holy Grail' of Science. It's Getting Closer."
2023	<b>ETH Press</b> , "Predictions of the effect of drugs on individual cells are now possible."
2022	<b>MIT Press</b> , "Artificial intelligence system rapidly predicts how two proteins will attach."
2014	<b>DKFZ News</b> , "Ring of Fire wins the world championship in synthetic biology."
2014	<b>F.A.Z.</b> , "The Ring of Fire from Heidelberg."

## Professional Activities, Leadership, and Service

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### CONFERENCE AND WORKSHOP ORGANIZATION

2024	<b>Workshop Organizer</b> , <a href="#">Workshop on Learning Meaningful Representations of Life</a>	Singapore, SG
	An ICLR workshop on learning representations of biology across scales and modalities using large-scale gen AI.	
2024	<b>Workshop Organizer</b> , <a href="#">Workshop on Machine Learning for Genomics Explorations</a>	Vienna, Austria
	An ICLR workshop bridging the gap between machine learning and genomics, with focus on target identification.	
2023	<b>Workshop Organizer</b> , <a href="#">Workshop on Diffusion Models</a>	New Orleans, USA
	A NeurIPS workshop on recent advances and future research directions of powerful diffusion generative models.	
2023	<b>Workshop Organizer</b> , <a href="#">New Frontiers in Learning, Control, and Dynamical Systems</a>	Honolulu, USA
	A new interdisciplinary ICML workshop discussing the interaction between control theory, and deep learning.	
2022	<b>Founding Conference Organizer</b> , <a href="#">Molecular ML Conference (MoML)</a>	Cambridge, USA
	Yearly conference on machine learning for molecular modeling, molecular interactions, and therapeutic design.	

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| 2021 | <b>Workshop Organizer</b> , <a href="#">Optimal Transport and Machine Learning Workshop</a><br>Bi-yearly NeurIPS workshop on recent advances and developments of optimal transport in machine learning. | New Orleans, USA    |
| 2018 | <b>Founding Conference Organizer</b> , <a href="#">Women in Data Science Conference (WiDS)</a><br>Yearly technical conference featuring women's work in data science and adjacent engineering areas.    | Zurich, Switzerland |

## OPEN SOURCE CONTRIBUTIONS

- Python Library [OTT](#) for Optimal Transport Tools in JAX
- Python Library [PyCytominer](#) for Data Processing for Perturbation Profiling

## PROFESSIONAL SERVICE

**Editorial Board Member** of the Machine Learning: Science and Technology (MLST) IOP Publishing journal.

**Reviewer of Journals and Proceedings** in Neural Information Processing Systems (NeurIPS), International Conference on Machine Learning (ICML), International Conference on Learning Representations (ICLR), International Conference on Artificial Intelligence and Statistics (AISTATS), Molecular Machine Learning (MoML) Conference, Nature Communications, and various workshops.

## Publications

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\* *authors contributed equally*; † *mentored student*

Most recent publications via [Google Scholar](#).

## CONFERENCE AND JOURNAL PUBLICATIONS

Conference publications are archival and selectively refereed in Computer Science (acceptance rates ~20 %).

Martin Rohbeck, **Charlotte Bunne**, Edward De Brouwer, Jan-Christian Huetter, Anne Biton, Kelvin Y. Chen, Aviv Regev, Romain Lopez. *Modeling Complex System Dynamics with Flow Matching Across Time and Conditions*. *International Conference on Learning Representations (ICLR)*, 2025.

Jayoung Ryu, Romain Lopez, **Charlotte Bunne**, Aviv Regev. *Cross-modality Matching and Prediction of Perturbation Responses with Labeled Gromov-Wasserstein Optimal Transport*. *International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2025.  
**Best Paper Award** and **Contributed Talk** at ICML AI for Science Workshop, 2024.

Erik Serrano, ..., **Charlotte Bunne**, ..., Anne E. Carpenter, Beth A. Cimini, Shantanu Singh, Gregory P. Way. *Reproducible image-based profiling with Pycytominer*. *Nature Methods*, 2025.

**Charlotte Bunne**, ..., Aviv Regev, Emma Lundberg, Jure Leskovec, Stephen R. Quake. *How to build the virtual cell with artificial intelligence: Priorities and opportunities*. *Cell*, 187:25 7045-7063, 2024.  
**Press Coverage in The Atlantic** and **Guest in Ground Truths Podcast by Eric Topol**.

**Charlotte Bunne**, Geoffrey Schiebinger, Andreas Krause, Aviv Regev, Marco Cuturi. *Optimal transport for single-cell and spatial omics*. *Nature Reviews Methods Primer*, 2024.

Puck Gerwen, Ksenia Briling, **Charlotte Bunne**, Vignesh Ram Somnath, Ruben Laplaza, Andreas Krause, Clemence Corminboeuf. *3DReact: Geometric Deep Learning for Chemical Reactions*. *Journal of Chemical Information and Modeling*, 2023.

**Charlotte Bunne**<sup>\*</sup>, Stefan Stark<sup>\*</sup>, Gabriele Gut<sup>\*</sup>, ..., Lucas Pelkmans, Andreas Krause, Gunnar Rätsch. *Learning Single-Cell Perturbation Responses using Neural Optimal Transport*. *Nature Methods*, 2023.  
Selected as **Research Briefing in Nature Methods**.  
Also presented at NeurIPS Workshop on Optimal Transport and Machine Learning, 2021.

Vignesh Ram Somnath<sup>\*\*</sup>, Matteo Pariset<sup>\*\*</sup>, Ya-Ping Hsieh, Maria Rodriguez Martinez, Andreas Krause, and **Charlotte Bunne**. *Aligned Diffusion Schrödinger Bridges*. *Uncertainty in Artificial Intelligence (UAI)*, 2023.

**Charlotte Bunne**<sup>\*</sup>, Ya-Ping Hsieh<sup>\*</sup>, Marco Cuturi, Andreas Krause. *The Schrödinger Bridge between Gaussian Measures has a Closed Form*. *International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2023.  
**Oral Presentation** at AISTATS (**Top 1.9 %** of Submitted Papers).  
Presented at ICML Workshop on Continuous Time Methods for Machine Learning, 2022.

**Charlotte Bunne**, Andreas Krause, Marco Cuturi. *Supervised Training of Conditional Monge Maps*. *Advances in Neural Information Processing Systems (NeurIPS)*, 2022.  
Also presented at ICML Workshop on Interpretable Machine Learning in Healthcare (IMLH), 2022.

Philippe Schwaller, Alain C. Vaucher, Ruben Laplaza, **Charlotte Bunne**, Andreas Krause, Clemence Corminboeuf, and Teodoro Laino. *Machine Intelligence for Chemical Reaction Space*. *WIREs Computational Molecular Science*, 2022. Selected for **Featured Cover** of Volume 12, Issue 5

**Charlotte Bunne**, Laetitia Meng-Papaxanthos, Andreas Krause, and Marco Cuturi. *Proximal Optimal Transport for Population Dynamics*. *International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2022. **Best Paper Award** and **Contributed Talk** at ICML Time Series Workshop, 2021.

Octavian-Eugen Ganea\*, Xinyuan Huang\*\*, **Charlotte Bunne**, ..., and Andreas Krause. *Independent SE(3)-Equivariant Models for End-to-End Rigid Protein Docking*. *International Conference on Learning Representations (ICLR)*, 2021. **Spotlight Talk** at ICLR and Ranked and Top 15 among 3326 Submissions (**Top 0.4 %**). Also **Contributed Talk** at ELLIS Machine Learning for Molecule Discovery Workshop, 2021.

**Charlotte Bunne\***, Vignesh Ram Somnath\*, and Andreas Krause. *Multi-Scale Representation Learning on Proteins*. *Advances in Neural Information Processing Systems (NeurIPS)*, 2021. Also presented at ICML Computational Biology Workshop, 2021.

Vignesh Ram Somnath<sup>+</sup>, **Charlotte Bunne**, Connor W. Coley, Andreas Krause, and Regina Barzilay. *Learning Template-Free Models for Retrosynthesis*. *Advances in Neural Information Processing Systems (NeurIPS)*, 2021. **Best Paper Award** and **Contributed Talk** at ICML Workshop on Graph Representation Learning and Beyond

Matteo Manica\*, **Charlotte Bunne\***, Roland Mathis\*, ..., María Rodríguez Martínez. *COSIFER: A Python Package for the Consensus Inference of Molecular Interaction Networks*. *Bioinformatics*, 2020.

**Charlotte Bunne**, David Alvarez-Melis, Andreas Krause, and Stefanie Jegelka. *Learning Generative Models across Incomparable Spaces*. *International Conference on Machine Learning (ICML)*, 2019. **Best Paper Award** and **Contributed Talk** at NeurIPS Workshop on Relational Representation Learning, 2018.

Max Waldhauer, Silvan N. Schmitz, ..., **Charlotte Bunne**, ..., Roland Eils. *Backbone circularization of Bacillus subtilis family 11 xylanase increases its thermostability and its resistance against aggregation*. *Molecular BioSystems*, 2015.

## PREPRINTS AND UNDER SUBMISSION

Johann Wenckstern\*, Eeshaan Jain\*, Kiril Vasilev, Matteo Pariset, Andreas Wicki, Gabriele Gut, **Charlotte Bunne**. *AI-powered virtual tissues from spatial proteomics for clinical diagnostics and biomedical discovery*. *Under Review at Cell (arXiv:2501.06039)*, 2025.

Matteo Pariset<sup>+</sup>, Ya-Ping Hsieh, **Charlotte Bunne**, Andreas Krause, Valentin De Bortoli. *Unbalanced Diffusion Schrödinger Bridges*. *Preprint (arXiv:2306.09099)*, 2023.

**Charlotte Bunne\***, Frederike Lübeck\*\*, Gabriele Gut, Jacobo Sarabia del Castillo, Lucas Pelkmans, David Alvarez-Melis. *Neural Unbalanced Optimal Transport via Cycle-Consistent Semi-Couplings*. *Preprint (arXiv:2209.15621)*, 2023. Spotlight Presentation at NeurIPS Workshop on Learning Meaningful Representations of Life, 2022.

Marco Cuturi, Laetitia Meng-Papaxanthos, Yingtao Tian, **Charlotte Bunne**, Geoff Davis, Olivier Teboul. *Optimal Transport Tools (OTT): A JAX Toolbox for All Things Wasserstein*. *In Submission (arXiv:2201.12324)*, 2022.

Mathieu Chevalley<sup>+</sup>, **Charlotte Bunne**, Andreas Krause, Stefan Bauer. *Invariant Causal Mechanisms through Distribution Matching*. *Preprint (arXiv:2206.11646)*, 2022.

Lisa Buchauer, Muhammad Amir Khan, ..., **Charlotte Bunne**, ..., Thomas Höfer, Hai-Kun Liu. *Exponential Growth of Glioblastoma In Vivo Driven by Rapidly Dividing and Outwardly Migrating Cancer Stem Cells*. *Preprint*, 2019.

## Presentations

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### TALK SERIES

06/2024	<b>Lecture</b> , Personalized Medicine through Generative Modeling ML for Drug Discovery Summer School of Recursion and Valence Labs	Montreal, Canada
07/2023	<b>Conference Tutorial</b> , <a href="#">Optimal Transport in Learning, Control, and Dynamical Systems</a> Tutorial at the International Conference on Machine Learning (ICML)	Honolulu, USA
11/2022	<b>Invited Talk</b> , Neural Optimal Transport for Inferring Single-Cell Perturbation Responses Models, Inference & Algorithms (MIA) Initiative at the Broad Institute	Cambridge, USA
06/2022	<b>Invited Talk</b> , Optimal Transport Modeling of Single-Cell Dynamics Molecular Modeling And Drug Discovery Talks Series of Valence Discovery and Mila - Quebec AI Institute	virtual
06/2020	<b>Invited Talk</b> , Learning across Incomparable Spaces (in Biomedical Applications) Data Science Seminar at the German Cancer Research Center	virtual

## CONFERENCE AND WORKSHOP TALKS

06/2024	<b>Invited Talk</b> , Predicting Patient Treatment Outcomes using Generative Models CVPR Workshop on Computer Vision for Microscopy Image Analysis (CVMI)	Seattle, USA
04/2024	<b>Invited Talk</b> , Predicting Patient Treatment Outcomes using Generative Models AMLD Workshop on AI in Genomics	Lausanne, CH
11/2023	<b>Invited Talk</b> , Machine Learning-Guided Treatment Outcome Prediction and Planning Artificial Intelligence meets Cancer Research Symposium	Barcelona, Spain
09/2023	<b>Invited Talk</b> , Neural Optimal Transport for Treatment Outcome Prediction Conference on Generative Models and Uncertainty Quantification	Copenhagen, DK
07/2023	<b>Invited Talk</b> , Neural Optimal Transport for Single-Cell Biology Human Cell Atlas General Meeting	Toronto, Canada
06/2023	<b>Invited Talk</b> , Neural Optimal Transport for Inferring Single-Cell Perturbation Responses Workshop on Emerging Topics in Applications of Optimal Transport	Zurich, Switzerland
04/2023	<b>Invited Talk</b> , Optimal Transport Modeling of Population Dynamics Workshop on Optimal Transport, Mean-Field Models, and Machine Learning at TUM-IAS	Munich, Germany
09/2022	<b>Invited Talk</b> , Optimal Transport Modeling of Population Dynamics SIAM Conference on Mathematics of Data Science	San Diego, USA
03/2022	<b>Invited Talk</b> , Optimal Transport Modeling of Single-Cell Dynamics AMLD Conference Track 'AI in the Molecular World'	Lausanne, CH
07/2021	<b>Contributed Talk</b> , Proximal Optimal Transport Modeling of Population Dynamics ICML Time-Series Workshop	virtual
07/2021	<b>Contributed Talk</b> , Multi-Scale Representation Learning on Proteins ICML Computational Biology Workshop	virtual
12/2018	<b>Contributed Talk</b> , Learning Generative Models across Incomparable Spaces NeurIPS Workshop on Relational Representation Learning (R2L)	Montreal, Canada

## SEMINARS AT UNIVERSITIES

01/2023	<b>Invited Talk</b> , Neural Optimal Transport for Inferring Single-Cell Perturbation Responses Seminar at the German Cancer Research Center	Heidelberg, Germany
12/2022	<b>Invited Talk</b> , Neural Optimal Transport for Inferring Single-Cell Perturbation Responses Machine Learning Seminar at Stanford University	Palo Alto, USA
12/2022	<b>Invited Talk</b> , Neural Optimal Transport for Inferring Single-Cell Perturbation Responses Machine Learning Seminar at Dana-Farber Cancer Institute	Boston, USA
09/2022	<b>Invited Talk</b> , Modeling (Combination) Therapy Outcomes using Optimal Transport Computational Health Center at Helmholtz Munich	Munich, Germany
08/2022	<b>Invited Talk</b> , Optimal Transport Modeling of Single-Cell Dynamics Imaging Platform of the Broad Institute	Cambridge, USA
06/2022	<b>Invited Talk</b> , Optimal Transport Modeling of Population Dynamics StatEcoML Seminar of ENSAE - CREST	Paris, France
06/2022	<b>Invited Talk</b> , Dynamic Models for Cell Dynamics and Protein Modeling AI for Science Group at Humboldt University of Berlin	Berlin, Germany
06/2022	<b>Invited Talk</b> , Optimal Transport Modeling of Population Dynamics in Single-Cell Biology Berlin Institute of Health (BIH)	Berlin, Germany

## SEMINARS AT INDUSTRY RESEARCH LABS

06/2024	<b>Invited Talk</b> , Predicting Patient Treatment Outcomes using Generative Models NVIDIA	Santa Clara, USA
12/2022	<b>Invited Talk</b> , Neural Optimal Transport for Inferring Single-Cell Perturbation Responses Genentech	San Francisco, USA
12/2022	<b>Invited Talk</b> , Neural Optimal Transport for Population Dynamics Apple	Cupertino, USA
11/2022	<b>Invited Talk</b> , Modeling (Combination) Therapy Outcomes using Optimal Transport Microsoft Research	Cambridge, USA
03/2022	<b>Invited Talk</b> , Optimal Transport Modeling of Population Dynamics MIT-IBM Watson AI Lab	virtual

- 09/2021 **Invited Talk**, Proximal Optimal Transport Modeling of Population Dynamics virtual  
Diff-Everything Workshop at Google Research
- 11/2019 **Invited Talk**, Learning Generative Models across Incomparable Spaces Zurich, Switzerland  
IBM Research

## Teaching

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### UNIVERSITY COURSES AT ETH ZURICH

All taught classes consist of lectures, tutorials, and practical projects.

- Spring 2023 **Teaching Assistant**, Introduction to Machine Learning Zurich, Switzerland
- Fall 2022 **Teaching Assistant**, Probabilistic Artificial Intelligence
- Fall 2021 **Head Teaching Assistant**, Introduction to Machine Learning
- Spring 2021 **Head Teaching Assistant**, Introduction to Machine Learning (~1000 Students)
- Fall 2020 **Teaching Assistant**, Probabilistic Artificial Intelligence
- Spring 2020 **Teaching Assistant**, Introduction to Machine Learning
- Fall 2019 **Teaching Assistant**, Probabilistic Artificial Intelligence
- Spring 2019 **Teaching Assistant**, Fairness, Explainability, & Accountability for Machine Learning

## Supervision

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- since 2024 **Johann Wenckstern**, PhD Student, EPFL  
EPFL EDIC Fellowship.
- since 2024 **Eshaan Jain**, PhD Student, EPFL  
EPFL EDIC Fellowship.
- 2023-2024 **Johann Wenckstern**, Master Student, ETH Zurich  
Co-supervision with the Unispital Zürich.
- 2023 **Alexander Hägele**, Master Student, ETH Zurich and Apple  
Co-supervision with Marco Cuturi (Apple) and Andreas Krause (ETH Zurich).
- 2023 **Yunshu Ouyang**, Master Student, Broad Institute of MIT and Harvard  
Co-supervision with Jiaqi Zhang and Caroline Uhler (MIT).
- 2022-2023 **Matteo Pariset**, Master Student, EPFL  
Resulting paper accepted at UAI 2023 and awarded best thesis prize at EPFL.
- 2022-2023 **Frederike Lübeck**, Master Student, Harvard University  
Co-supervision with David Alvarez Melis (Harvard). Resulting paper got spotlight at NeurIPS workshop.
- 2020-2021 **Mathieu Chevalley**, Master Student,  
Co-supervision with Stefan Bauer (TUM).
- 2020-2021 **Xinyuan Huang**, Master Student, ETH Zurich  
Co-supervision with Octavian Ganea (MIT). Resulting paper got a spotlight presentation (top 0.4%) at ICLR 2022.
- 2019-2020 **Kenza Amara**, Master Student, ETH Zurich  
Co-supervision with David Dao (ETH).
- 2019-2020 **Vignesh Ram Somnath**, Master Student, Massachusetts Institute of Technology (MIT)  
Co-supervision with Regina Barzilay. Resulting publication received *Best Paper Award* at ICML Workshop 2020.

## Languages and Skills

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### Computer Skills

Languages: *Python, MATLAB, R, Git, SQL, L<sup>A</sup>T<sub>E</sub>X*  
 Libraries: *JAX, PyTorch, TensorFlow, SciKit*

### Languages

German and English: Native and Fluent  
 French: Conversant