



Simon Olsson, Ph.D.

Associate Professor, WASP Research Faculty, WASP AI/MLX Professor, ELLIS Member.
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Born: November 22nd, 1985. Herdecke, Germany. Citizen of Denmark.

WORK EXPERIENCE AND CAREER OUTLINE

- 2024 - **Associate Professor**, for Artificial Intelligence in the Natural Sciences.
Chalmers University of Technology, Gothenburg, Sweden.
- 2024 **Habilitation 'Docent'**, Computer Science, Chalmers University of Technology and Gothenburg University, Sweden.
- 2020 - 2024 **Assistant Professor** (tenure-track) for Artificial Intelligence in the Natural Sciences.
Chalmers University of Technology, Gothenburg, Sweden.
- 2016 - 2020 **Humboldt postdoctoral Fellow**, Dept. of Mathematics and Computer Science, FU Berlin, Berlin, Germany.
(With Prof. Dr. Frank Noé, Currently Partner Research Manager at Microsoft Research Berlin)
- 2017 **Visiting scholar**, Center for Theoretical Biological Physics, Rice University, Houston, TX, USA.
(With Prof. Dr. Cecilia Clementi)
- 2014 - 2016 **Postdoc**, Laboratory of Physical Chemistry, ETH Zürich, Zürich, Switzerland. (With Prof. Dr. Roland Riek)
- 2013 - 2016 **Postdoc**, IRB, Università della Svizzera italiana, Bellinzona, Switzerland. (With Dr. Andrea Cavalli)
- 2012 **Visiting scholar**, Biochemistry Section, Brandeis University, Waltham, MA USA.
(With Prof. Dr. Douglas L. Theobald)
- 2010 - 2013 **Ph.D. Fellow**, Dept. of Biology, University of Copenhagen, Copenhagen, Denmark

EDUCATIONAL QUALIFICATIONS

- 2013 Ph.D., Bioinformatics, University of Copenhagen, Copenhagen, Denmark.
Date of viva: 13.05.2013.
Thesis advisor: Thomas Hamelryck.
- 2010 M.Sc., Biochemistry, University of Copenhagen, Copenhagen, Denmark.
Thesis advisors: Kaare Teilum, Flemming M. Poulsen.
- 2008 B.Sc., Biochemistry, University of Copenhagen, Copenhagen, Denmark.
Final project advisor: Flemming M. Poulsen.

RESEARCH GRANTS

Raised MEUR 5.1+ of funding from public and private foundations to support academic research since 2014, through competitive national or international calls. The amount refers funding where my research was direct benefactor, e.g. partial budget of larger collaborative projects.

SUPERVISION EXPERIENCE

PhD students: Christopher Kolloff, Johann Flemming Gloy, Selma Moqvist, Hang Zou, Juan Viguera Diez (Industrial, AstraZeneca), Ross Irwin (Industrial, AstraZeneca), Yossra Gharbi (co-advisor, R. Mercado, main advisor), Télio Cropsal (co-advisor, R. Mercado, main advisor), Panagiotis Antoniadis (ELLIS PhD student, co-advisor, Ole Winther (KU), main advisor), Antoni Wojciech Marciniak (co-advisor, L Delemotte (KTH), main advisor), Max Overath (co-advisor, T. Jenkins (DTU), main advisor).

Postdocs: Mathias Schreiner, Kunyu Wang (industrial, AstraZeneca)

Interns: Weilong Chen. **Graduated students/previous mentees:** Lluís Raich (Postdoc, now Ramon y Cajal researcher), 14 (MSc students, main supervisor), 2 (Visiting PhD student),

INVITED PRESENTATIONS

50+ invited presentations at conferences, university colloquia, and private companies, including at Biophysical Society, American Chemical Society, GRC, KTH, TU Munich, University of Zurich, Università della Svizzera Italiana, Shanghai Jiao Tong University, Austrian Chemical Society Colloquium, TRSC, National Institutes of Health (Bethesda, MD, USA), Novartis (Cambridge, MA, USA), and AstraZeneca (SE).

BIBLIOMETRICS

47 publications in total, 10 in high-impact journals: 1 in Science, 3 in Proc. Natl. Acad. Sci. USA, 2 in JACS, 1 in Chem Sci, 1 ACS Cent. Sci., 1 in Angew. Chem, 1 in NeurlPS. Total citations: 2800. H-index: 24. Two pending patent applications as co-inventor.