

Jean Hausser, PhD

Assistant Professor & SciLifeLab fellow

Karolinska Institutet • Stockholm • Sweden

jean.hausser@scilifelab.se • www.hausserlab.org

ORCID: [0000-0002-3321-7199](https://orcid.org/0000-0002-3321-7199)

Born February 19th 1983



Research experience

Sep. 2023 –	Principal researcher quantitative tumor immune control Karolinska Institute, Sweden
Sep. 2019 – Aug. 2023	Assistant Professor quantitative principles of cancer Karolinska Institute, Sweden
Jun. 2018 – May 2019	Post-doctoral fellow experimental tumor immunology Ludwig Institute for Cancer Research Lausanne, Switzerland Advisor: Johanna Joyce
Apr. 2013 – Mar. 2018	Post-doctoral fellow mathematical theory in biology Dept. of Molecular Cell Biology, Weizmann Institute, Israel Advisor: Uri Alon
Jan. 2011 – Dec. 2012	Post-doctoral fellow computational biology Novartis & Universität Basel, Switzerland Advisors: Nicole Meisner & Mihaela Zavolan

Education

Dec. 2010	PhD in Bioinformatics , distinction: <i>summa cum laude</i> Universität Basel, Switzerland, advisor: Mihaela Zavolan
Sep. 2006	MEng in Bioinformatics and Computational Modeling National Institute of Applied Sciences Lyon, France
Oct. 2003	Diplomvorprüfung in Computer Science , distinction: <i>good</i> Minor: physics Karlsruhe Institute of Technology, Germany

Funding

5 500 kSEK grant from French Cancer Research Society (2023, to C. Caux, CBCL Lyon)
1 250 kSEK grant from Mayo Clinic – Karolinska Institute partnership (2023)
2 000 kSEK fellowship extension from SciLifeLab (2023)
1 440 kSEK KID funding from Karolinska Institutet (2022)
2 400 kSEK project grant from Swedish Cancer Society (2022)
630 kSEK BlueSky award from Karolinska Cancer (2021)
16 000 kSEK fellowship from SciLifeLab (2019)
2 400 kSEK project grant from Swedish Cancer Society (2019)
4 800 kSEK project grant from Swedish Research Council (2019)
4 000 kSEK salary grant from Karolinska Institutet (2019)
750 kSEK start-up grant from Karolinska Institutet (2019)
24-month mobility postdoc fellowship from Swiss National Foundation (2015)
24-month long-term postdoctoral fellowship from EMBO (2012)

Invited talks since starting the lab in September 2019

- Imperial College London, United Kingdom, Oct 2023
- Institute of Quantitative Biology, Tokyo University, Japan, May 2023
- University Medical Center Amsterdam, Netherlands, Feb 2023
- IDIAP, Martigny, Switzerland, Jan 2023
- The Economist *World Cancer Series*, Brussels, Belgium, Nov 2022
- Weizmann Institute, Rehovot, Israel, Oct 2022
- *A complex systems approach to understanding cancer* international conference, Lyon, France, Oct. 2022
- 10x Genomics, Stockholm, Sweden, Sep 2022
- Invited seminars at Karolinska Institute departments - oncology-pathology, microbiology & tumor biology, epidemiology & biostatistics, molecular medicine & surgery, cellular and molecular biology, 2020-2022
- Institut für Zellbiologie seminar, Universität Bern, Switzerland, Dec 2021
- DBSSE seminar, ETH Zürich, Switzerland, Oct 2021

Supervision of junior researchers

Bachelor students (4), Master students (17), PhD student main supervisor (2), PhD students co-supervisor (3), post-doctoral fellows (2)

Scientific reviewing activities

Mark Foundation, PNAS, INSERM (French Biomedical Research Council), Physical Reviews Letters, Cell Systems, Nature Cell Biology, Nature Communications, RNA, Bioinformatics (OUP), Nucleic Acids Research, BMC Systems Biology, PLoS Computational Biology, Nature Protocols, Journal of Machine Learning Research

Administrative experience since starting the lab in September 2019

Swiss Institute of Bioinformatics best paper award – judge (2023)
Karolinska Cancer – research committee (2022-)
Organizer of SciLifeLab group leader retreat (2022)
Hiring committee for faculty position at Karolinska Institutet and SciLifeLab (2022)
7 PhD thesis committees
Karolinska bioinformatics master program committee (2021)

Teaching and outreach

- Quantitative modeling in biomedicine, Karolinska Institute biomedicine master (2021-), Uni Bern - guest lecture (2021)
- Public outreach talk at A Pint Of Science Stockholm (May 2024)

Languages

French (native), English (C2), (Swiss-)German (C1), Spanish (B1), Hebrew (B1), Swedish (B1)