



Ida L. Neinhardt

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EDUCATION

- **University of Lausanne – Faculty of Biology and Medicine** Lausanne, Switzerland
MSc in Molecular Life Science, Specialisation in Bioinformatics Aug. 2023 – Jul. 2025
 - **MSc Thesis Project (Ongoing):** Making Predictions Using Machine Learning for CD4+ T-cell Epitopes
 - **First-Step Project:** Uncovering the Mechanisms Behind SNARE Complex Disassembly Using Deep Learning
- **Lund University – Faculty of Medicine** Lund, Sweden
BSc in Biomedicine Aug. 2020 – Jun. 2023
 - **BSc Thesis Project:** Discovery of Novel Fibroblast Subtypes in Glioblastoma Using Single-Cell RNA Sequencing Analysis
- **Lund University/Luleå University** Lund/Luleå, Sweden
Stand-Alone Courses 2020 – 2021
 - **Courses:** Introduction to International Business; Business Statistics; The Firm in a Historical Setting; International Marketing; Financial Accounting; Financial Economics; Organisation and Leadership; Managing Digitalisation; Initial Programming in Java

EXPERIENCE

- **Skånemejerier** Malmö, Sweden
Quality Engineer May. 2023 – Aug. 2023
 - Responsible for monitoring the quality of products and ensuring compliance with Good Manufacturing Practices (GMP) and site safety standards throughout the entire process of manufacturing dairy products.
 - Communicated with international customers regarding product release.
- **Polypeptide Group** Malmö, Sweden
Process Technician Sep. 2022 – Apr. 2023
 - Controlled evaporation in the production of peptides in industrial production of active substances for pharmaceuticals.
- **Lund University** Lund, Sweden
Research Assistant in the Ottosson Lab Group May. 2021 – Aug. 2021
 - **Project:** Direct Reprogramming of Glial Cells into Interneurons
- **Haverdals Hemtjänst** Halmstad, Sweden
Home Care Caregiver Feb. 2020 – Dec. 2020
 - Assisted elderly individuals in their homes with daily living activities, including meal preparation, administering medications, personal hygiene (bathing and bathroom assistance), grocery shopping, doctor visits, and recreational walks.
 - Provided compassionate and reliable support to enhance their quality of life and maintain independence.

EXTRACURRICULAR ACTIVITIES

- **iGEM** Lausanne, Switzerland
Member of the UNILausanne iGEM team *Jan. 2024 – Oct. 2024*
 - Adapted an image recognition software to fit with our project of biocontrol of Asian hornets.
 - Coded the wiki that presented the team's work: <https://2024.igem.wiki/unilausanne/>
 - **Awards:** Gold medal, nominated for best conservation project, best wiki and best presentation
- **Synapse - Life Science Connect Sweden** Lund, Sweden
Vice-Chairperson *May. 2021 – Jan. 2023*
 - Head of the Recruitment Team
 - Connected life-science students with the industry through events hosted in collaboration with companies.
- **The Karolinska Institute** Stockholm, Sweden
Summer Research School with Biomedical Orientation *May. 2019 – Aug. 2019*
 - **Project:** Effects of TCB-2 and DOI on Serotonin (5HT_{2A}) - Dopamine (D₂) Heteroreceptor Complexes in the Hippocampus of the Rat Brain and Their Relevance for Schizophrenia

SKILLSET

- **Programming languages:** Python (proficient), R (proficient), HTML (intermediate), CSS (intermediate), Java (novice)
- **Languages:** Swedish (native), English (C2), French (B1)
- **Practical Lab Skills:** PCR, Gel Electrophoresis, Microtomy, Microscopy, Immunofluorescence, Spectrophotometry, Flow Cytometry, Western Blot, CRISPR-Cas9
- **Other Skills:** MS Office Suite, Public Speaking, Presentation Skills, Written & Oral Communication, Team Work & Collaboration, Critical Thinking, Problem Solving