

Márta Sundström

Education

2019 – 2025: MSc Molecular Biotechnology Engineering at Uppsala University.

Engineering program including both bachelor and master level studies.

Bachelor thesis: Comprehensive Study on Aptamers and Aptamer-based Assays.

Master thesis: Characterization of Novel Ultra-minimalistic [FeFe]-hydrogenases from *Patescibacteria*.

2023 – 2024: Exchange studies at University of British Columbia, Vancouver.

Mixed courses and internship.

Internships

2024 January – 2024 April: Internship in the Bohlmann lab at Michael Smith Laboratories, University of British Columbia, Vancouver.

Work on bioengineered production of small plant metabolite. Supervisors: Dr. Michael Easson and Dr. Lars Kruse.

2023 June – 2023 August: Research training at Biophysical and Bioinorganic Chemistry – Ångström Laboratory, Uppsala University.

Enzyme isolation and characterization. Supervisor: Prof. Gustav Berggren.

Work history

2020 June – 2020 August: Forest inventory at Sveaskog Förvaltning AB, Ljusdal.

Reference provided upon request.

2018 June – 2018 August. Recruiter for the Red Cross, Uppsala.

Reference provided upon request.

Skills

Computer skills

- Good knowledge of the programs in the Microsoft Office suit.
- Good knowledge of programming language Python.
- Good knowledge of computer program Origin.
- Good knowledge of molecular visualization programs ChimeraX and PyMOL
- Basic knowledge of CryoSPARC software.
- Basic knowledge of the computer program Matlab.

Language

- Swedish (native language).

- English (fluent).
- Hungarian (fluent).
- German (basic knowledge, B1 level).

Other

- Class B driver's license.

Awards

Lilla Priset for best project in chemistry 2019. Awarded by the Swedish Chemical Society in Uppsala.

Project: Does the H₂ splitting enzyme outperform platinum in fuel cells? [Unpublished].