

Industrial Internship or M.Sc. project in Metabolic Engineering – Strain Engineering for Fermentation Optimization

- Are you excited to pursue your Master thesis in a start-up biotech company which focuses on sustainable production of biochemicals?
- Do you want to gain hands-on experience with synthetic biology tools?
- Cysbio ApS is offering an internship or M.Sc. Project in Strain Engineering starting from August/September/October 2025

About the project

We are looking for a motivated student to join our team for a full-time internship or Master thesis in the field of strain engineering. The project will focus on increasing the availability of key intermediates or cofactors for use in a microbial fermentation production strain.

What we offer

The opportunity to learn and use bacterial strain engineering techniques in an experienced and collaborative research and development team. Throughout the project, you will have access to well-equipped molecular biology labs and receive close supervision and support in your experimental work. This is a great opportunity to deepen your understanding of metabolic engineering while developing practical lab skills and gaining insight into applied research in industrial biotechnology.

Your profile

- You are pursuing a master's degree in the field of Biotechnology or similar.
- You have practical skills in common molecular biology techniques such as PCR, cloning, transformations etc.
- You have a good understanding of metabolic pathways in bacteria.
- You are a team player, curious and attentive to detail.
- You are fluent in English (spoken and written).

How to apply

Please fill in the questionnaire and upload your application on our website via this [online form](#). Please specify in the drop down menu that you are applying for project CB25MT1.

Your application must contain a single PDF with files combined in this order: Motivated application, your resume, your bachelor's and master's grades. You can supplement your application with a list of reference(s) and recommendation letter(s) if such are available, but it is not necessary. Maximum size for the PDF is 5 MB.

The application deadline is July 1st 2025, but applications will be evaluated as they are received.

