



Master Thesis Project

Background

NorthX Biologics offers plasmid DNA production at different scales from R&D to GMP grade. The plasmid is used for gene therapy applications but also in advanced vaccines.

We now have the opportunity to offer a master thesis project within upstream processing (fermentation) aimed at developing the plasmid DNA platform.

Scope/assignment

You will be conducting fermentation experiments at different scales to investigate predefined objectives. The work will include experiment planning, laboratory execution and reporting of the results. You will be working independently in our process development labs and will be mentored by one of NorthX scientists.

Techniques and methods used in this project could include:

- Transformation of E. coli cell lines
- Shake flask and small scale bioreactor fermentation
- Relevant analytical methods needed to assess the results e.g. AGE, UV Spectroscopy etc.

As a person you are

Curious, self motivated and at the end of your Master within the Life Sciences.

Additional information

The degree work is for 30 ECTS credits (20 weeks) during the spring of 2023.

For further information please contact:

Isabel Edström, Process Development +46 (0)60 785 86 13

If you are interested send your application to HR at karin.sundin@nxbio.com

LAST DAY TO APPLY: 2022-10-25