We're hiring!

Analytical Scientist for a metabolic engineering company

Apply before March 18th

Founded in 2012 and located in Copenhagen, Denmark, Biosyntia is a thriving biotech startup dedicated to delivering sustainable production processes for natural ingredients. Using proprietary technologies based on bioengineering and synthetic biology, we accelerate the development of microbial cell factories to a level previously unattainable.

We are further expanding our R&D efforts and are looking for an enthusiastic and highly motivated analytical chemist with demonstrated expertise in LC-MS analysis applied to strain and fermentation development. The successful candidate will be fully integrated in our research team of metabolic engineers and fermentation scientists to successfully help drive our strain and process development activities.

Responsibilities and tasks:

The candidate will be responsible for strategic implementation of analytical chemistry to enable detection and quantification of metabolites and small molecule products. This includes purchase and installation of an LC-MS, development and set-up of analytical assays, preparation and running of samples on HPLC and LC-MS, data analysis as well as presentation and discussion of results with the rest of the team and external partners.

Immediate areas of responsibility:

- Development of LC-MS and HPLC methods and protocols
- Preparation and running of samples on LC-MS and HPLC
- Analysis of data using computer software and statistics
- Coordination with strain engineers and fermentation scientists to optimize collaboration and ensure efficient sample handover and data reporting.
- Maintenance and service of analytical equipment
- Development of high-throughput screening assays
- Improving workflows and procedures for data collection and analysis
- Analysis and presentation of data to fellow scientist and external companies and partners

Qualifications:

- MS or PhD in analytical or bioanalytical chemistry, bioengineering, chemical engineering or equivalent
- Small-molecule LC-MS experience, both targeted and broad metabolomics

- Experience in operating, maintaining and troubleshooting LC-MS and HPLC
- Strong understanding of the connection between microbial physiology and metabolomics
- Strong data analysis skills, including the use of statistics and control charts to monitor and analyze results
- Previous exposure to building out analytical infrastructure. The position will involve acquiring, installing and validating HPLC/LC-MS/GC-MS systems.
- Experience working alongside strain development and fermentation teams to form a contiguous strain evaluation platform
- Preferably strong computational skills to write algorithms for data processing and analysis

Assessment

In the assessment of the candidate, consideration will be given to:

- Experience with R&D and industrial metabolic engineering projects
- Level of experience with LC-MS and HPLC systems
- The candidate's interest in becoming part of a dynamic, startup team

We offer

Biosyntia offers an interesting and challenging job in an international environment with a great deal of responsibility. We aim towards creating an environment of academic excellence, innovation, and positive spirit. Salary and terms of employment will be industry average, but are subject to discussion based on experience and background of the successful candidate.

Further Information

Please visit www.biosyntia.com or contact Luisa Gronenberg at lg@biosyntia.com.

Application procedure

Applications must be submitted in English as *one* PDF file containing all materials to be given consideration. Applications are to be sent to joinus@biosyntia.com. Make sure to write "ANALYTICAL" in the subject header. We are looking very much forward to consider your application.

Application (cover letter)

- CV
- List of publications
- References with contact information
- (Recommendations, max 3 pages)