

Bio Process Engineer/Scientist

Who we are

Calidris Bio is a startup company that develops fermentation processes to produce Microbial Protein. Using our technology, we produce a high-quality protein with a low environmental footprint, to replace fishmeal and soy. We are currently investigating the technological and regulatory challenges to use our product in both feed and food.

Where

Our laboratory is located at the brand-new BlueChem incubator for sustainable chemistry (Olieweg 95, Antwerp, Belgium). Calidris Bio is working alongside other startup companies that want to develop sustainable innovations for the chemistry/biotechnology of the future.

General role

In close collaboration with the Calidris Bio co-founders you will play a central role in the development and scale-up of the fermentation processes. You will be responsible for understanding project goals and for creatively optimizing solutions to ensure their success. You will get an opportunity to grow with the company in an environment where forward-looking ideas are embraced.

Responsibilities

- Planning, organizing, performing, and documenting research activities, with the aim of optimizing the fermentation processes
- Running the lab and assuring a safe operation and good maintenance of the laboratory equipment and test instruments
- Analyzing and optimizing the processes regarding efficiency, reliability, and safety
- Maintaining laboratory notes that thoroughly, neatly, and accurately record all research activities.
- Training and guidance of research associates in the lab

Qualifications

- PhD in bioengineering or applied biological sciences, or equivalent industry experience (at least 2 years) with hands-on experience in fermentation technology or cultivation of microorganisms.
- Broad interest in process technology
- Extensive experience in the development/scale-up of fermentation processes
- Experience in the development of downstream processes
- Experience in handling microbial cultures on lab scale
- Advanced proficiency in the use of applicable lab equipment
- Strong collaborative and organizational skills
- Ability to work autonomously
- Hands-on mentality and the ability to deal with technical challenges
- Good communication skills and a good knowledge of English. Knowledge of Dutch is a plus.

You can send your application containing a resume and a motivation email (or letter) to info@calidrisbio.com.