

Bioprocess Development Engineer

Cellugy is a biotech startup located in Aarhus, Denmark. We are harnessing the power of biofabrication to produce an advanced bio-cellulose material, EcoFLEXY, through a disruptive biotechnological process, partnering with packaging and chemical companies to enable circularity in the end-of-life as an alternative to conventional packaging materials. We are a growing and energetic organization seeking for a Bioprocess Development Engineer who shares our vision to expand our team. We promise an exciting and dynamic journey with Cellugy. To learn more, visit us at www.cellugy.com.

About the position

Cellugy is looking for an engineer to develop robust upstream and downstream processes for the production of bacterial nanocellulose. The position is full-time starting May 1st, 2021, for an initial duration of 2 years and the possibility of continuing working in subsequent projects. The position is based in Aarhus and the candidate must be available to travel internationally to support project implementation and collaborate with external partners (25% during the first year). This is a high-potential position following the sustainability trends of the packaging industry and a chance to be in the forefront of the development of the materials of the future.

Key responsibilities

The engineer will be conducting fermentation work at a lab, pre-pilot, and pilot scale to optimize and troubleshoot the production process. He/she will develop the bioprocess in collaboration with fermentation scientists, materials engineers, molecular biologists, and facility engineers and operators to ensure process efficiency, product quality and specifications, and the overall achievement of the project objectives. The position will support quality compliance, including the development of standard operating procedures, cGMP compliance, and other safety, environmental, and health guidelines.

About the candidate

We are looking for candidates with an M.S. or B.S. degree in Biotechnology, Chemical Engineering, or Microbiology or any related field, and at least 4 years of industry or academic experience in bacterial fermentation processes. He/she must be able to lead a project from lab to pilot scale, and work collaboratively with colleagues in a start-up environment.

We expect the following qualifications:

- « Strong understanding of cell culture, biomass production, and fermentation processes
- « Experience working with cell propagation systems and fermentation (including biotransformation) in bioreactors
- « Experience designing and analyzing fermentation experiments and/or scale-up
- « Working experience or understanding of cGMP regulatory requirements associated with biotechnological processes.

We value the following capabilities:

- « Prior experience in process development and scale up, preferably in biomaterial production.
- « Experience using the design of experiment (DoE) methodology for the optimization and characterization of fermentation processes

What we have to offer

At Cellugy, we believe in working collaboratively for the greater good. We are passionate about creating innovative solutions for one of the most pressing challenges of the 21st century: plastic pollution. We pride ourselves in being a team with diverse backgrounds and origins, where we learn by supporting each other in a casual environment that promotes proactive growth, transparency, and respect. For more information, please reach out to Deby Fapyane at deby.fapyane@cellugy.com.

If you have the experience, skills and knowledge we are seeking, we would love to hear from you!

Click [here](#) to apply!

About the recruitment process: applications will be received until February 15th, 2021 and reviewed on an ongoing basis. Candidates will be first short-listed based on qualifications. The selected candidates will be called for an initial interview maximum 2 weeks after the application is received. The final candidates selected after the first interview round will be called for a second interview, which may include, but not be limited to, a presentation and informal conversations with team members. The final decision should be expected by the beginning of April 2021.