



UPSTREAM BIO-PROCESS DEVELOPMENT ENGINEER

Calgary, AB

Why Ozonebio

OzoneBio is a Canadian biotech company producing the world's first emission-free adipic acid with the use of unique "zombie cell" fermentation technology. Adipic acid is one of the building blocks of nylon 6,6, a material that is used everywhere, from car parts to your favorite yoga pants, despite emissions of poisonous nitrous oxide and CO₂ into the atmosphere. OzoneBio is a diverse, women-led company that has successfully produced the world's first emission free adipic acid in record time. IndieBio, one of the most selective biotech accelerators based in San Francisco, told us we were the fastest startup to be accepted into the program. As a women-founded company, OzoneBio aims to lead the way towards a greener, better world by redefining what it really means to be "sustainable."

You'll join a diverse team of scientists, engineers, and business professionals - all working together to produce emission-zero bio-polymers.

We're a fast growing company with a high-throughput tech stack and the drive to be the best in the industry. This isn't just about having the best technology, it's also about having efficient and seamless operations based on teamwork and cutting-edge tools. We know we need a world-class team of visionaries and innovators across the entire organization. We look for people with drive and energy. Idealists. People we love and people we trust. This may be unconventional, but it is the key to our success.

The lead Upstream Process Development engineer will be responsible for building a team and designing facilities to meet an audacious goal: to go from discovery to fill-finish in a year. You will be given the freedom to move at lightning speed to create a legacy in our industry.

We're offering a great compensation package including an equity stake in Ozonebio success.

As a member within our newly created organization, you will have the exciting opportunity to build our new process development and the platform of green polymers.

How you might spend your days:

- Establish the overall strategy for upstream process development for green polymers production through the biocatalysis
- Establishing and build the upstream process development organization

- Providing a beginning-to-end solution for all aspects of upstream process development. This includes establishing a biocatalysis based platform process and an associated development approach that enables the ability to rapidly develop a process and scale it up
- Building and operating this critical component in our full-stack green polymers production
- Working closely with Ozonebio leadership peers to develop innovative approaches for the bio-polymers production through the biocatalysis and fermentation
- Training and mentoring the Upstream Process Development Team
- Evaluating new technology and approaches to improve and invent new approaches to the discovery, development, and manufacturing of green chemicals
- Preparing regulatory documents and communicating with safety management
- Continuously drive improvements to the established processes, increasing speed and efficiency while meeting regulatory requirements

We'd love to hear from you if:

- You are an innovator and ready to help develop new approaches to the discovery and development of green bio-polymers
- You are strongly self-motivated and are able to identify project needs and follow that up with building and implementing solutions
- You are passionate about building dynamic new teams and capabilities that accomplish important goals
- You are enthusiastic about applying your expertise in upstream process development to revolutionize bio-polymers development
- You are an outstanding communicator and teammate

Required qualifications and experience:

- A total of 1-5+ years of industry experience with a PhD in Biochemical/Chemical Engineering, Bioengineering or similar is required. Strong candidates with BS or MS degrees may be considered with sufficient Process Development and leadership experience
- Demonstrated experience in establishing and running Upstream Process Development teams/departments for bio-polymers production
- Demonstrated expertise in developing upstream processes for early-phase bio-process manufacturing required; experience with both early-stage and late-stage bio-process development a plus
- Demonstrated expertise in supporting bio-process transfer and its scale-up
- Experience in managing and mentoring a productive team of scientists & engineers
- Strong interpersonal skills with the ability to work collaboratively as a member of cross-functional team
- Excellent documentation and organizational skills

- Superb verbal and written communication skills, including public presentation of complex data

Job Type: Full-time, Contract

To Apply

Ozonebio offers a competitive compensation, a dynamic work environment and a great team! Please visit our web site at www.ozonebio.ca for more information about our company. To apply for this position, please send your resume and cover letter to inquiry@ozonebiocorp.com or apply here

<https://ca.indeed.com/job/upstream-bio-process-development-engineer-6910ee18154d11be>

Ozonebio is equal opportunity employer, committed to an inclusive, diverse and accessible workplace. We thank all applicants for their interest in Ozonebio; however, only candidates selected for interviews will be contacted.