



## BIO-PROCESS SCIENTIST

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 cells" 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 CO<sub>2</sub> 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 and engineers all working together to produce emission-zero biopolymers.

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. People we love and people we trust. This may be unconventional, but it is the key to our success.

The Bioprocess Scientist will play a leading role in the development and optimization of biocatalysis and fermentation processes for bio-intermediates production.

### Main duties of the prospective candidate will be:

- Develop and execute analytic procedures for product and byproduct identification via assays and chromatography;
- Optimize the product and intermediates clean up procedures, assess purity;
- Optimize bioreactor conditions, reagents and microorganisms to increase efficiency and yield of fermentation experiments;
- Evaluate and improve feedstock purification and pre-treatment methods;
- Conduct literary research on biobased polymers for ongoing lab studies;

- Support day-to-day research operations including material tracking/ordering and organizing lab activity and workflow;
- Support the design and execution of bench-scale research experiments;
- Assist in translation of bench-scale technology to scaled production;

#### **Minimum requirements:**

- Master's or PhD degree in Biochemistry, Biotechnology, Chemical Engineering or related field;
- Experience in biosynthesis, fermentation, bioprocess scale-up;
- Experience with analytical methods (chromatography, HPLC, GC, MS);
- Experience with operation and maintenance of bioreactors;

**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](http://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](mailto:inquiry@ozonebiocorp.com) or apply here <https://ca.indeed.com/job/bio-process-scientist-5067dd7bc1779bfd>

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.