



CHEMIST-ORGANIC CHEMISTRY

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

Organic chemist will focus on various bio-based monomers production and purification including main building blocks of nylon66.

Main duties of the prospective candidate will be:

- organic monomers and polymers synthesis;
- organic monomers purification from the biocatalytic reaction mix;
- chemical analysis (GPC/SEC, FT-IR, DSC, TGA, NMR, GC-FID/MS) and instrument maintenance;

Minimum requirements:

- Ph.D. degree in Chemistry (completed) or M.Sc. degree in Chemistry with 1-5+ years of industrial experience;
- Experienced and creative organic chemist with an understanding the principles of Green Chemistry;
- Experience with downstream processing and purification of carboxylic acids;

- Experience with biobased polymers, polymer chemistry or epoxy resins;
- Excellent communication skills to work collaboratively within fast-moving start-up;

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

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.