



TITLE

R&D Associate: Process Development and Fermentation

TERMS OF EMPLOYMENT

This is a full-time position (1.0 FTE)

COMPANY PROFILE

Qu Biologics is a private, clinical-stage biopharmaceutical company located in Vancouver, BC, that develops Site Specific Immunomodulators (SSIs) which are designed to restore the body's normal immune function to reverse the chronic inflammation underlying many conditions including cancer and inflammatory bowel diseases (IBD).

IS QU FOR YOU?

Love doing something that you can feel passionate about? Excited by innovation? Love new ideas and working with a creative, fun and inspired team? Want to make a difference in the world and work with people who feel the same? Then this is for you!

- You are well-organized, understand the importance of detail, and are able to multi-task and prioritize duties effectively
- You understand the importance of identifying and overcoming rate-limiting steps to ensure that projects are moving forward as quickly as possible, without sacrificing quality
- You are innovative and also practical and enjoy finding the most efficient and cost-effective solutions to real-world problems
- You value respectful, open communication and inspired teamwork to achieve shared goals
- You always ask "Why?"

POSITION DESCRIPTION

This job posting is for a full-time (1.0 FTE) position. The successful candidate must be a results-oriented "do-er" who is happy to roll up their sleeves and do whatever it takes to get the job done. Excellent organizational and time management skills and the ability to interact positively with other team members are absolutely required. This position requires a proven ability to multi-task efficiently, to ensure that Qu's SSI Technology Platform is fully supported in terms of Process Development and selected assay development and testing. This Laboratory based role requires the candidate to work as part of a growing team in a very busy company environment. You will report on a day-to-day basis to the Process Development Scientist

Specific duties and responsibilities will include:

- Development and optimization of microbial fermentation and downstream processes including separation and purification technologies for high yield production of target products.
- Assist in the development of Characterization assays, eg potency, purity and other appropriate assays, including hands-on testing as well as monitoring of outsourced analytical assay development.
- Conduct laboratory-scale and/or pilot-scale studies to support scale-up and tech transfer of processes
- Independently design and conduct experiments for individual unit operations using relevant operational parameters and analytical inputs

- Analytical characterization of fermentation and the determination of fermentation and downstream process parameters.
- Contributing to in-house product development and testing activities in coordination with the Preclinical and Translational Research (PTR) Team, including but not limited to; SSI production, formulation, fill and finish, characterization, sample processing, stability and potency.

REQUIRED QUALIFICATIONS

- Undergraduate or Graduate degree (MS) in biological sciences, microbiology, biochemistry or biotechnology
- At least 1-year proven experience of standard processes in microbial fermentation, inactivation, harvesting, downstream processing and/or formulation and scale up of bacterial vaccine production
- Working knowledge of biological assay development.
- Understanding of Biosafety Level 2 requirements for pathogenic bacteria with excellent aseptic technique
- Demonstrated familiarity/experience within an Industrial cGMP environment is desirable
- Valid Canadian work permit, permanent resident (PR) status, or Canadian citizenship is absolutely required. We regret that we are not able to sponsor candidates' immigration/work permit applications for this position.

LANGUAGE REQUIREMENTS

Fluent English

DESIRED START DATE

ASAP. The position is open so please apply!

COMPENSATION

Salary commensurate with experience. Three (3) weeks annual vacation prorated as applicable.

COMPANY

Qu Biologics Inc.

BUSINESS ADDRESS & LOCATION OF WORK

4475 Wayburne Drive, Suite 305

Burnaby, British Columbia V5G 4X4 Canada

HOW TO APPLY

Please visit <https://www.qubiologics.com/> for more information about Qu Biologics. If this opportunity matches your character, experience and skill set, please email a cover letter and resume in PDF format, to jobs@qubiologics.com with the job code: "R&D Associate" in the header. Applications will not be accepted by fax, mail, or over the phone.

While we thank all applicants for their interest, only short-listed candidates will be contacted. Please note that we will not be fielding inquiries by phone.