



TITLE

Biotechnology Post-doctoral Research Fellow or Research Scientist in mucosal immunology

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. Qu Biologics has three clinical trials underway in Crohn's disease, ulcerative colitis and recurrent lung cancer.

IS QU FOR YOU?

You love new ideas and working with a creative, fun and inspired team. You want to make a difference in the world and work with people who feel the same. You love working with other creative people who value respectful communication, inspired teamwork and working together to achieve shared goals. You are well-organized, understand the importance of detail, and able to both multi-task and prioritize duties effectively. You are practical and understand the importance of accurate and detailed documentation of research protocols and results, and you have the ability to communicate these results effectively to other team members and to the scientific community. Sound analytical skills and the ability to implement and troubleshoot experimental protocols are essential. You want to work with people and on projects that inspire you.

SUMMARY

Qu Biologics has an exciting opportunity for a Biotechnology Post-doctoral Fellow (or a Research Scientist with academic and/or industry experience) to help expand our Preclinical and Translational Research (PTR) Program. The successful candidate will have a robust understanding of the underlying immunology and experimental techniques used to probe gastrointestinal diseases rooted in intestinal barrier dysfunction and pathology. The role requires deep expertise in relevant animal models of colitis, analyzing and interpreting flow cytometry, Luminex and gene expression data and demonstrated success in writing grants, synthesizing information and science communication in the form of manuscripts and reports.

Get ready to join a demanding, high-performance team functioning in an exciting, fast-paced, translational environment!

POSITION DESCRIPTION

The successful candidate must have strong interpersonal skills, excellent communication skills and the ability to interact positively with other team members. This position requires a high level of organization and initiative, and a proven ability to work both independently and as part of a multi-disciplinary team. The successful candidate possesses an excellent understanding of both the innate and adaptive arms of the immune system. In addition, the candidate should understand the interconnectivity and interplay between innate and adaptive immunity. The individual must demonstrate expertise in intestinal mucosal immunology – mouse IBD models (knowledge of lung and urogenital tract immunology is an asset).

Specific duties and responsibilities will include:

- Under the supervision of the Director of Preclinical and Translational Research, assisting with experimental *in vivo* models of inflammatory bowel disease (IBD) (Crohn's and colitis) suitable for evaluating the safety and therapeutic efficacy of Qu's proprietary Site Specific Immunomodulators (SSIs)
- Keeping well informed on the latest scientific research in the field of mucosal immunology by reading scientific articles and presenting key findings to the PTR team.
- Providing expertise in cell assay systems and molecular biology assays involving gene expression analysis
- Using standard protocols, as well developing new ones, to analyze animal and human tissues and samples (including, but not limited to: flow cytometry, ELISA, qPCR, Luminex)
- Creating presentation-quality graphics using Prism and/or Excel and presenting at weekly team meetings
- Creating scientific reports on preclinical and correlative research, using standard templates to create detailed, validated research records
- Presenting scientific research at key conferences and spearhead manuscript preparation
- Demonstrating a strong ability to lead and mentor junior staff

REQUIRED TECHNICAL QUALIFICATIONS

Biotechnology Post-Doctoral Fellow: PhD in intestinal mucosal immunology (or highly related field)

Research Scientist: PhD in intestinal mucosal immunology or an MSc in intestinal mucosal immunology + 5 years of highly relevant research experience.

- Solid written and oral communication skills in the English language required
- Previous research experience in the field of immunology, mucosal or autoimmune disease research is a must
- Experience working with animal model(s) of intestinal mucosal immunity is an absolute requirement
- Analytical ability using primary flow cytometry, Luminex, and gene expression data would be an asset
- A record of publishing in peer-reviewed journals demonstrating expertise in the field of mucosal immunology

LANGUAGE REQUIREMENTS

Fluent English

DESIRED START DATE

April 1st, 2016, or sooner if possible

COMPENSATION

Salary commensurate with experience

COMPANY

Qu Biologics Inc.

CRA 842333817

BUSINESS ADDRESS & LOCATION OF WORK

887 Great Northern Way, Suite 138

Vancouver, British Columbia V5T 4T5 Canada

HOW TO APPLY

If this opportunity matches your character, experience and skill set, and you would like to work in an exciting and dynamic team developing proprietary immunotherapies for cancer and autoimmune disease, the position is open and we are looking for the right candidate to fill this new position. Please email a cover letter and your resume in Microsoft Word (doc/docx) or PDF format, to the attention of Gillian Vandermeersch, VP, Operations at jobs@qubilogics.com. Applications may also be sent by regular mail to the Business Address provided above. Applications will not be accepted by fax or over the phone. Please indicate which position you are applying for.

We thank all applicants for their interest in a position at Qu Biologics. We regret that only those selected for an interview will be contacted. Please note that we will not be fielding inquiries by phone.