

3-142 Katz Group Centre
Faculty of Pharmacy and Pharmaceutical Sciences
University of Alberta
Edmonton, Alberta, Canada T6G 2H7
www.appliedpharma.ca

Job Information

Job ID: PAC-NOV-001
Position Title: Industrial Post-Doctoral Fellowship
Laboratory: API / Pacylex
Salary Range: \$45,000 to \$57,000
Location: University of Alberta
Term: 1 year renewable
Start Date: As soon as possible
Closing Date: Will remain open until filled

About API

Applied Pharmaceutical Innovation (API) is a not-for-profit institute that works in collaboration with the University of Alberta's Faculty of Pharmacy and Pharmaceutical Sciences as well as research and post-secondary institutions across Canada. API works to build translational teams supporting drug development for industry and innovators.

Opportunity Overview

University of Alberta spinoff Pacylex Pharmaceuticals Inc is developing a precision medicine solution for multiple common cancers. Initial indications of interest are blood cancers including leukemia and lymphoma to be followed by numerous solid tumor types. Pacylex has engaged API to develop in-house capacity testing their drug PCLX-001 in different cancer types in various in vitro models as they move forward through their drug development program. To support this API is recruiting a post-doctoral fellow to work under the supervision of API staff in the UAlberta Faculty of Pharmacy and Pharmaceutical Sciences and Dr. Luc Berthiaume in his lab in the UAlberta Faculty of Medicine and Dentistry.

Key Responsibilities

- Plans and conducts day-to-day experimental activities relating to assigned research projects;
- Uses professional concepts to contribute to the development of the lab technology base and to achieve objectives in creative and effective ways;
- Adheres to experimental protocols required for product development and lab services for clients;
- Follows guidelines on data entry, conservation, and sharing;
- Presents research findings at internal meetings and conferences;
- Will contribute to scientific literature as well as research proposals and grant applications in collaboration with supervisor(s);
- Retains accurate records of research findings, along with analysis of results, in a detailed up-to-date laboratory notebook;
- Utilizes safe laboratory protocols;
- Maintains lab in clean and high-functioning condition.

Qualifications

The successful candidate will have strong theoretical and technical background of current laboratory assays and techniques in the areas of Immunology, Cell Biology, Virology, and Molecular Biology. Ph.D. in Immunology or related field is required. The candidate should have strong communication skills and be current on industry trends and proven capability to carry out and follow through complex research programs. The position requires specific experience in the following areas:

- PhD in biochemistry / molecular biology and at least two years of postdoctoral research experience after PhD in laboratory medicine, or a related discipline
- Knowledge of and hands-on experience with DNA techniques, protein techniques, CRISPR technology, liquid chromatography, and mass spectrometry
- Experience in flow cytometry and flow analysis using FlowJo software;
- Familiarity with initiating and maintaining primary cell cultures;
- Cytometric Bead Array, Binding Assays, ELISA, ELISpot, Fluorospot, SDS Page;
- Excellent communication and interpersonal skills with demonstrated ability to work in a team environment

Application

Please submit CV and cover letter at appliedpharma.ca/contact/interns/

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. If suitable Canadian citizens or permanent residents cannot be found, other individuals will be considered. We welcome applications from all qualified persons.