



Postdoctoral Research Fellow – Foster Lab
Department of Biochemistry & Molecular Biology
The University of British Columbia

Job Summary:

The Department of Biochemistry & Molecular Biology at the University of British Columbia will be hiring a Postdoctoral Research Fellow to join the Laboratory of Dr. Leonard Foster starting September 1, 2022.

For more than fifty years, the Department of Biochemistry & Molecular Biology has played an active and important role at UBC and in the greater scientific community. The Department is home to approximately 90 research laboratories from fifteen Departments organized into nine research clusters, fostering a strong foundation for innovation and collaborations. All members of the Department maintain active, well-funded research programs that encompass many areas of modern biochemistry, and molecular and structural biology. The Department hosts an active Graduate program with more than 90 students and offers over fifteen undergraduate courses and laboratory courses for honours, major and minor Undergraduate programs.

The Postdoctoral Research Fellow will collaborate very closely with another Postdoctoral Research Fellow based at Simon Fraser University for the project “Identification of the target sites of a new acaricide against the honey bee parasite, *Varroa destructor*”. The successful candidate will perform proteomic analyses and will also perform bioinformatic analyses and compile short-lists of potential target proteins. Thus, knowledge of proteomics and bioinformatics is necessary for this position.

Candidates require a Ph.D. in either biochemistry, bio-organic chemistry, molecular biology or protein biophysics, obtained within the past five years. Abilities to work with small-molecule probes, protein extracts (of soluble and/or membrane-bound proteins) and protein purification/proteolysis systems are essential. Knowledge of proteomics/peptide mass spectrometry, molecular modelling of proteins, honey bees or varroa mites are assets but can also be learned while on the project.

Candidates interested must apply via the [UBC Careers website](#).

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As one of the world's leading universities, the University of British Columbia creates an exceptional learning environment that fosters global citizenship, advances a civil and

sustainable society, and supports outstanding research to serve the people of British Columbia, Canada and the world.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply.

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.