

The Michael Smith Laboratories and Department of Biochemistry and Molecular Biology  
The University of British Columbia  
Vancouver, Canada

Post-doctoral Fellow in Structural Biology

A position is available for highly motivated and skilled Post-doctoral Fellow (PDF) to lead structural biology efforts to elucidate the molecular basis of complex carbohydrate utilization by the human gut microbiota. The position will be held within the Michael Smith Laboratories (MSL) and Department of Biochemistry and Molecular Biology at the University of British Columbia (UBC), under the co-supervision of Prof. Harry Brumer and Prof. Filip Van Petegem.

The successful applicant must have a Ph.D. in structural biology. Excellent theoretical knowledge and practical skills in X-ray crystallography are required. Experience with cryogenic electron microscopy is advantageous. Likewise, familiarity with carbohydrates, carbohydrate-active enzymes, and carbohydrate-binding proteins is beneficial. The position forms part of a collaborative, multidisciplinary effort between the Brumer and Van Petegem laboratories. As such, excellent oral and written English communication skills, the proven ability to work and as part of a team, and strong individual research productivity are essential.

Qualified Applicants should submit a cover letter including contact information for three professional references, and a curriculum vitae including a list of publications (*n.b.* do not include reprints). Application materials should be combined into a single PDF document and submitted via email to [brumer@mssl.ubc.ca](mailto:brumer@mssl.ubc.ca) and [filip.vanpetegem@gmail.com](mailto:filip.vanpetegem@gmail.com)

The closing date for applications is 15 March 2021. The position is available immediately. The appointment at the rank of Postdoctoral Fellow will initially be for one year with a salary commensurate with research experience, plus benefits (see <https://hr.ubc.ca/benefits/eligibility-enrolment/eligibility-and-plan-cost/faculty-postdoctoral-fellows-employees-and> ).

*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.*