



POSTDOCTORAL RESEARCH FELLOW

Molecular evolution of SARS-CoV-2 under selective pressure

The University of British Columbia is a top-ranked international research university located in Vancouver, BC, Canada.

This interdisciplinary project will be jointly supervised by **Prof. Steven S. Plotkin** in the Departments of Physics and Astronomy and Genome Sciences and Technology, and **Prof. Eric Jan** in the Department of Biochemistry and Molecular Biology. We are interested in the evolution of the SARS-CoV-2 virus, how it may circumvent the action of antibodies, and how to design antibodies that prevent escape from neutralization. This project is part of a large, interdisciplinary collaboration of virologists, immunologists, structural and computational biologists to develop preemptive tests, vaccines, and therapies for future strains of SARS-CoV-2.

The postdoctoral research fellow will be involved in both pseudotyping assays as well as BSL-3 studies of CoV-2 infection. They should hold a PhD in molecular biology, cell biology, biochemistry, physical chemistry or a related field. Previous experience in virology and/or immunology is desired. The PDF will be expected to have an enthusiastic and vigorous work ethic, and to work collaboratively in an interdisciplinary environment as part of an active scientific research team. This position is intended to be a two-year term, with renewal after one year. We particularly encourage qualified applications from members of underrepresented groups and minorities.

To apply or request any further information, please send your CV (including scientific publications, posters and talks, and a brief research statement) and arrange for 2 – 3 references to be sent by email to Steven Plotkin (steve@phas.ubc.ca) and Eric Jan (ej@mail.ubc.ca). Please also indicate your legal status to work in Canada. The position is available starting as early as September 2020, and will close once filled.

