**Research Associate**

The Department of Cellular & Physiological Sciences at the University of British Columbia has an opening for a Research Associate position in the lab of Dr. Timothy Kieffer for a one-year term.

The Department of Cellular & Physiological Sciences does world-class research aimed at understanding the fundamental workings of cells and organisms in an effort to identify the underlying causes of human diseases. The Department’s research is diverse, with Investigators working in a wide range of the leading invertebrate and vertebrate model systems and using biochemical, molecular genetic, cellular and physiological approaches. The robust collaborative spirit between the Department’s Investigators drives increasingly multidisciplinary research programs in each laboratory. This includes the incorporation of the latest technologies in molecular biology, genetics, next-generation genomics, proteomics, bioinformatics, and genetically-engineered animal models to complement our expertise in cell biological and physiology.

The successful candidate will join a team of scientists working on a stem-cell based therapy for diabetes. Work will include implant of differentiated stem cells into rodent models of diabetes, post-surgical monitoring for graft function, and analysis of retrieved grafts for markers of mature islet cells. Implants will be in various tissues / locations and include both encapsulated and non-encapsulated cells. Some grafts will be characterized for dynamic insulin secretion and others will undergo single cell RNA analysis. Applicants must hold an MD, MSc, or PhD, in a relevant discipline and experience commensurate with the expected duties. Basic knowledge of type 1 diabetes required.

A cover letter, curriculum vitae and names of three references should be combined into a single PDF document and uploaded to the UBC Careers Portal (<https://www.hr.ubc.ca/careers-postings/faculty-s.php>).

*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 of Canada will be given priority.*