

Postdoctoral Fellow - High-throughput screening/imaging

Life Sciences Institute, University of British Columbia, Vancouver, Canada

The UBC Life Sciences Institute is seeking a Postdoctoral Fellow to work on developing and leading high-throughput imaging, high-throughput screening, and quantitative cell physiology projects in the Diabetes Research Group and with multiple other collaborating scientists in Vancouver. Applicants who are ambitious, highly motivated, and able to work well both in groups and independently, would fit well into our dynamic and diverse team.

The successful applicant should possess a Ph.D. or equivalent in life sciences, quantitative biology, biophysics, bioengineering, or a related discipline, and must have previous experience and a published track record in imaging and/or image analysis.

Programming skills, experience with robotics, as well as expertise in networked computing and/or cloud computing, are major assets.

Our facility has 3 Molecular Devices ImageXpress^{MICRO} XLS high-content imaging systems capable of live-cell imaging, including one with an on-board fluidics robot. An adjacent Perkin Elmer Janus liquid handling robot is available for preparing multi-well plates. Additional high-throughput instruments, including a Tecan Spark multi-modal plate reader and a SeaHorse FX96, are available for additional assay development. Experience with these instruments is an asset.

Apply with a cover letter describing your relevant experience, research interests, and scientific vision, as well as your curriculum vitae, names of 3 references, and PDF copies of 2-3 relevant publications (noting your role in the publications in your CV).

Send these materials, by February 15 2019, addressed to Prof. James D. Johnson, PhD, care of Leanne Beet (leanne.beet@ubc.ca). The position will stay open until a suitable applicant is found.