

Open position

Postdoctoral fellow and PhD Impact+ Award Biodevices for the cancer care continuum



About the position | Deadline January 18th 2026

Postdoctoral and PhD positions are open in the **Microtechnologies for Quantitative Biomedicine Lab** at UBC, Vancouver, for candidates *currently residing outside Canada*. Successful applicants will be nominated for a Canada Impact+ and research training award (Postdoc: \$70K/year for 2 years; PhD: \$40K/year for 3 years). PhD applicants are required to register via the School of Biomedical Engineering graduate program: <https://bme.ubc.ca/education/graduate-programs/>

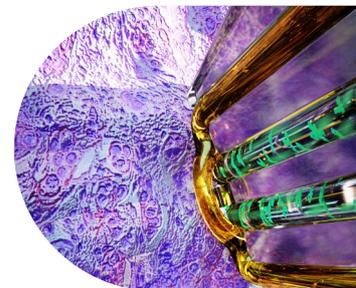
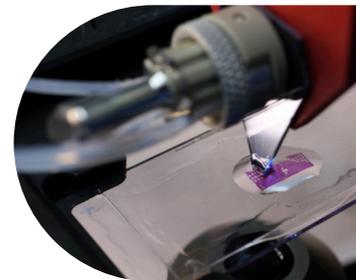
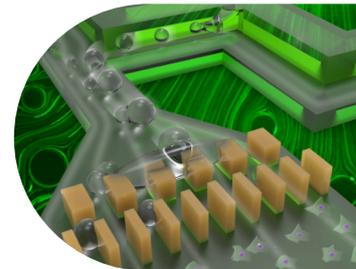
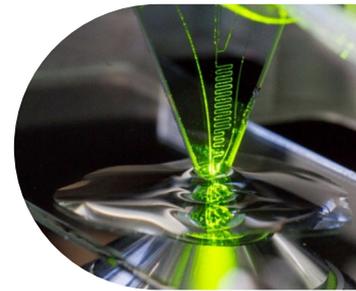
Qualifications | Requirements

- Creative, curious, self-driven and highly motivated to translate biodevices for health impact
- Qualified with an excellent track record in academic or industrial accomplishments
- Interdisciplinary and entrepreneurial experience encouraged
- Be self-driven, highly motivated and able to multitask efficiently
- Align with requirements of the Impact+ program

About the team

The group develops micro- and nanotechnologies for healthcare, emphasizing translation to industry and clinics, with a focus on engineering biodevices for cancer care. Our group has the core philosophy of science with rigor, creativity and compassion inhabited in the students and mentors alike. Our core research is in development of workflows and bioanalytical methods using microfabricated or 3D printed devices that implement open space and reconfigurable microfluidics, electrokinetics and microcontact and applying them to challenges in cancer profiling and modelling.

Our translational ecosystem spans the Life Sciences Institute, Vancouver Prostate Centre, BC Cancer Research Institute and the School of Biomedical Engineering (SBME), offering access to a broad network of researchers, hospitals, and industry. With several of our team members having worked in the industrial sector we have an additional focus on entrepreneurship. Candidates will also have access to training and contribute to shaping the newly established Conconi Family BioDevice Foundry cleanroom at SBME.



How to Apply

Candidates are welcome to send a cover letter, a CV (publications and skills), project proposal (1 pg) and contact information for at least two references with subject line 'Impact+' to

Dr. Govind Kaigala

govind.kaigala@ubc.ca

Associate Professor, School of Biomedical Engineering, UBC;

Senior Scientist, Vancouver Prostate Center and

Associate scientist BC Cancer research institute

Further information:

<https://micro-qb.org>

<https://nserc-crsng.canada.ca/en/news/launch-new-canada-impact-research-training-awards>

<https://bme.ubc.ca/biodevice-foundry/>

Diversity

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented. In line with UBC's commitment to inclusivity, 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, race, disability, political belief, religion, marital or family status, age, and or status as a First Nation, Metis, Inuit, or Indigenous person.