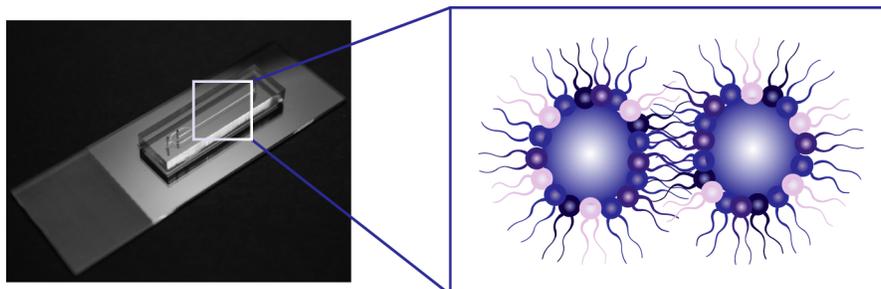


Graduate student (Masters or PhD) positions
available on projects to
build bespoke artificial cells and tissues on a chip for drug discovery



The Group

We develop innovative lab-on-a-chip (microfluidic) platforms for drug discovery and healthcare applications. We are based in Victoria, British Columbia, which is consistently ranked as one of the most livable cities in the world. Our research group is dedicated to performing excellent science and we are therefore committed to creating a welcoming, equitable and inclusive research environment. We value the contributions that each person brings to the group, and recognise that equity, diversity and inclusion (EDI) can be complex due to intersectionality.

The Projects

A range of different projects related to building bespoke artificial cells and tissues on a chip are available and customisable to your interests. For our recent work in this area, see our publications and social media posts. The aim of your project will be to build models that allow us to predict how drugs will behave in the body early on in the drug discovery process. Our new technologies will help us determine how each component of cells affect the functioning of drug candidates. This project is interdisciplinary, with components of chemistry, engineering and biochemistry.

The Applicants

Applicants should have a Bachelor's degree (Master's applicants), or a Master's degree (PhD applicants) in science or engineering. Degree-level laboratory experience is required, as is degree-level laboratory-based research experience. Experience with microfluidic technologies is not required, though beneficial.

The Application Process

To apply, submit a statement detailing your research interests and prior experience (1 page), an EDI statement describing your thoughts on EDI and previous experience working with a diverse group of co-workers (1 page), a CV, transcripts (they do not have to be official at this stage) and names and contact information for two references to Dr Elvira (kelvira@uvic.ca). Applications will be considered on a rolling basis until the positions are filled. Preferred start date is September 2021, though this is flexible. State your preferred start date in your application.

Further Information

You can find more information about our research, the group, and Dr Elvira on our [website](#), [Twitter](#) and [Instagram](#) accounts, and [LinkedIn](#). Details about the requirements and expectations for Masters and PhD candidates, annual stipend, the application process, support for graduate students and much more can be found [here](#). You can also contact Dr Elvira directly if you have any questions.

