

## **Postdoctoral Fellow Position, Toronto, Canada**

The Protein Structure and Function Program at the Princess Margaret Cancer Centre, University Health Network, Toronto, Canada, has an opening for a postdoctoral fellow with experience in macromolecular biochemistry and biophysics. The laboratory is interested in cancer mechanisms and development of therapeutics, with strong emphasis on RAS oncogenic signaling pathways as well as other cellular pathways including calcium signaling and ion channel regulation. To develop a better understanding of cancer, we combine a broad variety of approaches, which include structural biology techniques (NMR, X-ray and cryoEM), biophysical/biochemical techniques, and tumour cell biology. The lab has access to state-of-the-art research instruments (including 800/700/600-MHz NMR, Titan-Krios and Talos cryoEM) and many other core facilities at the Princess Margaret Cancer Centre, University of Toronto, and other affiliated research hospitals. Our projects attract many local, national, and international collaborations to address biologically interesting and clinically relevant research questions in cancer. Princess Margaret offers an exciting and innovative research environment which promotes collaborations between basic and clinical researchers. The laboratory is located in the vibrant city centre, within the MaRS complex of the Toronto Discovery District, adjacent to the downtown University of Toronto campus.

We are looking for an enthusiastic candidate with strong technical, organizational, and problem-solving skills. A successful candidate will be involved in our ongoing studies on RAS pathways or calcium signaling and s/he will enjoy working as part of a team to tackle challenging projects in the field of cancer biology.

More detailed information about Dr. Ikura's research can be found:

<http://nmr.uhnres.utoronto.ca/ikura/index.html>

### **Qualifications**

- PhD received within the past 2 years in a related field, with strong background in structural biology, biochemistry, biophysics, or structure-guided drug discovery.
- Knowledge of recombinant protein expression, purification and characterization is essential.
- Experience with cell signaling proteins and structural biology would be an asset.

### **How to apply**

Please submit a CV, one-page brief research statement, a copy of your most relevant paper, and the names, email addresses, and phone numbers of three references to [mitsu.ikura@uhnresearch.ca](mailto:mitsu.ikura@uhnresearch.ca). All documents should be provided in PDF format.

Mitsu Ikura, Ph.D. Senior Scientist and Professor

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