# Postdoctoral Researcher in the laboratory of Dr. Beverley Orser,

# Department of Physiology, University of Toronto

A Postdoctoral Researcher position in translational neuroscience funded by the Canadian Institutes of Health Research is available in the laboratory of Dr. Beverley Orser ([www.orserlab.com](http://www.orserlab.com)). The lab is located in the Department of Physiology at the downtown campus of the University of Toronto.

The goal of the research is to understand physiologic and pathological processes underlying learning and memory, and to identify the mechanisms that contribute to a decline in brain function after anesthesia and surgery. Studies will focus on neurons and glia in the hippocampus and cortex. The long-term goal is to develop novel treatments that target subtypes of inhibitory receptors for cognitive disorders after anesthesia and surgery, as well as for inflammation-induced cognitive dysfunction and mood disorders.

**Qualifications:**

We are looking for a highly motivated and enthusiastic scientist with the following skills and experience:
- Ph.D. in neuroscience or neuroscience-related field preferably received within 3 years.
- Strong background in electrophysiology, biochemistry and/or animal behavioral assays.
- Ability to work independently with strong problem-solving skills.
- Must demonstrate a good understanding of scientific principles, experimental design, and proper laboratory techniques.
- Design and execute experiments to support research activities and projects in the lab.
- Experience in the maintenance of a laboratory and laboratory equipment.

The laboratory provides an excellent training environment and we are strongly committed to training high-quality researchers who are interested in advancing translational neuroscience. The laboratory is also strongly committed to diversity within the communities and especially welcomes applications from racialized persons/persons of color, women, indigenous/Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Please send your application (a Cover Letter, a CV and the names of three references) to **Dr. Dianshi Wang (dianshi.wang@utoronto.ca).**