



## Postdoctoral Fellowship, Sunnybrook Research Institute, University of Toronto

A postdoctoral position is available immediately to study the effects of MRI-guided focused ultrasound (MRIGFUS) and related treatments on learning and memory and brain plasticity in mouse models of Alzheimer's disease.

Candidates require a PhD and significant expertise in neuroscience, particularly regarding mouse behavioural studies, and including memory functions (e.g. Y-maze, Barnes' maze, touchscreen operant platform), quantitative brain imaging, immunohistochemistry and biochemistry. A solid background in the fields of stem cells, neurogenesis, gene therapy, brain plasticity and neurodegenerative disorders, particularly Alzheimer's disease, is favourable.

We are looking for a highly motivated individual, team oriented with leadership qualities, and a strong publication record as first author in neurosciences.

Candidates should submit a complete CV with list of publications and awards, a letter of intent indicating their qualifications, motivation and career objectives, an unofficial transcript of academic record, along with names of 3 referees who have agreed to be contacted.

Complete applications only will be considered and they should be sent by email to: Dr. Isabelle Aubert ([isabelle.aubert@sri.utoronto.ca](mailto:isabelle.aubert@sri.utoronto.ca)) and to the Aubert Lab Manager, Kelly Coultres ([kcoultres@sri.utoronto.ca](mailto:kcoultres@sri.utoronto.ca))

We thank all the applicants for their interest but only those selected for interview will be contacted.

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### Company Description

Sunnybrook Health Sciences Centre is one of the largest hospitals in Canada. Our 10,000 staff, physicians and volunteers provide the best care for critical times in the lives of the 1 million patients we see each year. Over the past 60 years, we have evolved into a centre of excellence in patient care, education and research. We are fully affiliated with the University of Toronto and provide learning opportunities for more than 2,000 students annually. Sunnybrook is also a research intensive hospital. Each year, our more than 600 scientists conduct \$100 million in breakthrough research. Our commitment to excellence has resulted in an international reputation and a vital role in the Ontario health care system.

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