**Position Title:** Postdoctoral Fellow – neuroscience/stem cell biology

**Overview:** A postdoctoral position in neuroscience/stem cell biology is available in the laboratory of Dr. Scott Ryan at the University of Guelph. The Ryan lab studies Parkinson’s Disease and Alzheimer’s Disease utilizing patient-based stem cell models as well as animal models infused with toxic oligomers. The project will assess the impact of synuclein and tau oligomers on cellular pathology and chromatin structure using next generation sequencing in combination with high-resolution live cell imaging and biochemical analysis of oxidized proteins. Our goal is to gain new insights into the mechanisms that underlie neurodegeneration and establish a drug-screening platform that will identify new therapeutics able to protect and regenerate lost tissue.

**Qualifications**

* Ph.D. in Neuroscience, Biochemistry or a related discipline
* Established publication record
* Highly organized and detail oriented
* Effective time management
* Excellent oral and written English language abilities

**Asset Skills**

* hESC/hiPSC culture
* Advanced light microscopy techniques
* Advanced molecular biology techniques
* Experience in mentoring trainees
* Experience in analysis of next generation sequencing data

**How to Apply**: Applications, including: cover letter, CV and the names of three professional/academic references (with contact details) should be sent to: [sryan03@uoguelph.ca](mailto:sryan03@uoguelph.ca). Applications will be accepted until a suitable candidate is found.

Additional Information can be found at www.neurobiology.ca

*The University of Guelph is committed to equity in its policies, practices, and programs, supports diversity in its teaching, learning and work environments, and ensures that applications for members of underrepresented groups are seriously considered under its employment equity policy. All qualified individuals who would contribute to the further diversification of our University community are encouraged to apply.*