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

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**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 utilizing patient based stem cell models of PD and as well as transgenic animal models. The project will assess PD pathology using high-resolution live cell imaging coupled with biochemical analysis of patient- and mouse-derived neurons and develop new isogenic hiPSC model systems using Crispr/Cas9 based genome editing. Our goal is to establish a drug-screening platform that will identify new therapeutics able to protect and regenerate lost tissue in PD.

**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
* Experience in mentoring trainees
* Experience in transgenic animal husbandry

**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.*