**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 Calgary. The Ryan lab studies Parkinson’s Disease utilizing patient-based stem cell models (2D and 3D) as well as animal models infused with toxic oligomers. The project will assess the impact of synuclein-targeted chimeric peptides on the recruitment of E2 and E3 ligases to clear cellular aggregates. The impact on cellular pathology, autophagy and neurophysiology will be assessed using protein biochemistry techniques in combination with high-resolution live cell imaging. Our goal is to new ways to clear protein aggregates in neurodegenerative disease.

**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
* Directed differentiation and organoid culture
* Advanced light microscopy techniques
* Advanced molecular biology techniques
* Experience in mentoring trainees
* Experience in protein biochemistry

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

Additional Information can be found at www.neurobiology.ca

**About the University of Calgary**

The University of Calgary is Canada’s leading next-generation university – a living, growing and youthful institution that embraces change and opportunity with a can-do attitude. Located in the nation’s most enterprising city, the university is making tremendous progress on its Eyes High journey to be recognized as one of Canada’s top five research universities, grounded in innovative learning and teaching and fully integrated with the community it both serves and leads. The University of Calgary inspires and supports discovery, creativity and innovation across all disciplines. For more information, visit [**ucalgary.ca**](http://www.ucalgary.ca).

The University of Calgary has launched an institution-wide [Indigenous Strategy](https://www.ucalgary.ca/indigenous-strategy/) in line with the foundational goals of [Eyes High](https://www.ucalgary.ca/eyeshigh), committing to creating a rich, vibrant, and culturally competent campus that welcomes and supports Indigenous Peoples, encourages Indigenous community partnerships, is inclusive of Indigenous perspectives in all that we do.

As an equitable and inclusive employer, the University of Calgary recognizes that a diverse staff/faculty benefits and enriches the work, learning and research experiences of the entire campus and greater community. We are committed to removing barriers that have been historically encountered by some people in our society. We strive to recruit individuals who will further enhance our diversity and will support their academic and professional success while they are here. In particular, we encourage members of the designated groups (women, Indigenous peoples, persons with disabilities, members of visible/racialized minorities, and diverse sexual orientation and gender identities) to apply. To ensure a fair and equitable assessment, we offer accommodation at any stage during the recruitment process to applicants with disabilities. Questions regarding [diversity] EDI at UCalgary can be sent to the [*Office of Equity, Diversity and Inclusion*](https://www.ucalgary.ca/equity-diversity-inclusion) ([*equity@ucalgary.ca*](mailto:equity@ucalgary.ca)) and requests for accommodations can be sent to Human Resources ([*hrhire@ucalgary.ca*](mailto:hrhire@ucalgary.ca)).

We encourage all qualified applicants to apply, however preference will be given to Canadian citizens and permanent residents of Canada.