



Post-Doctoral Position in Tissue Regeneration and Bioinformatics

Job Description: The Biernaskie laboratory is located at the University of Calgary, within the Department of Comparative Biology and Experimental Medicine in the Faculty of Veterinary Medicine and the Department of Surgery in the Cumming School of Medicine. Our team is comprised of enthusiastic and highly collaborative scientists with diverse expertise in stem cell biology, neuroscience, immunology, single cell genomics, bioinformatics and clinical medicine. This interdisciplinary perspective enables creativity, innovation and fosters a highly productive and rewarding training environment. Our primary interest is in stem cell biology and tissue regeneration, with a specific interest in endogenous repair following skin and brain injury. Our work employs cutting-edge high throughput genomics/epigenomics techniques, transgenic animal models, cell transplantation and high resolution microscopy to understand the molecular events that drive tissue fibrosis and regeneration. More information can be found at [Biernaskie Lab](#).

We are currently recruiting at least one creative and highly motivated Postdoctoral fellow. The position will allow the successful candidate to develop innovative research projects related to tissue regeneration, skin wound healing, fibroblast plasticity, aging, adult neural stem cell biology and single cell genomics/epigenomics. Importantly, candidates are encouraged to explore their own ideas, contribute to grant writing, and to actively engage within our broader collaborative research group.

Qualifications: The candidate should have an interest in translational research and be able to work independently and collaboratively in a team setting. The candidate is expected to be responsible, well-organized and exhibit a natural enthusiasm for research. PhD (or equivalent) degree in cell biology, immunology, biochemistry, or bioinformatics is required. Expertise in immunology or bioinformatics is considered to be important assets.

Postdoctoral fellows are expected to apply for external funding opportunities, but will be guaranteed a minimum stipend of \$50,000/year + benefits.

If interested in joining our collaborative team, please email Jeff directly at: Jeff.Biernaskie@ucalgary.ca and provide the following information:

- Short cover letter explaining your specific interest in our research program
- Resume/curriculum vitae outlining your previous research experience and achievements
- Transcript or listing of course grades
- Names and email for two individuals who will be willing to provide a reference

In addition to the outstanding research opportunities, our lab philosophy fosters a healthy work-life balance enabling you to enjoy the many cultural and sporting amenities provided in the city of Calgary. Indeed, unparalleled skiing, hiking and other outdoor activities in the Rocky Mountains are less than an hour away!