



# Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:

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# Job Board Posting



Careers.Indigenous.Link

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## POST DOCTORATE FELLOW

|                    |                                                                                                                                     |                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>Job ID</b>      | <b>60245-3762</b>                                                                                                                   |                     |
| <b>Web Address</b> | <a href="https://careers.indigenous.link/viewjob?jobname=60245-3762">https://careers.indigenous.link/viewjob?jobname=60245-3762</a> |                     |
| <b>Company</b>     | McMaster University                                                                                                                 |                     |
| <b>Location</b>    | Hamilton, ON                                                                                                                        |                     |
| <b>Date Posted</b> | From: 2024-04-26                                                                                                                    | To: 2050-01-01      |
| <b>Job</b>         | Type: Full-time                                                                                                                     | Category: Education |

### Description

The David Braley Research Institute (affiliated with McMaster University) has an immediate opening for a full-time, experienced Postdoctoral Fellow in Immuno-Metabolism in the laboratory of Dr. Marc Jeschke &ndash; Professor of Surgery, Vice President of Research at Hamilton Health Sciences. Our laboratory focuses on translational research to attenuate trauma-induced stress, hypermetabolism, inflammation and sepsis. Our laboratory has recently shown that the adipose tissue and its ensuing browning plays a major role in hypermetabolism which is associated with substantial adverse clinical outcomes for years. The goals of our research are to develop novel treatments and interventions to attenuate the browning response and to potentially implement novel clinical treatments. About the Department of SurgeryOver its 50+ year history, the McMaster Department of Surgery has maintained a steadfast commitment towards thinking big and making it possible. We are a Department with 11 surgical divisions and Royal College residency training programs; together, we are poised to unleash a future fueled by a creative mindset and powered by our people. The successful candidate will be bring a positive, solutions-focused mindset, as we collectively work towards achieving the Department Vision. This Vision is based on 6 core tenets: C.R.E.A.T.E.

Tenet 1: Building A Culture that Inspires

Tenet 2: Conduct Research that Impacts

Tenet 3: Educate, to Honour our Students

Tenet 4: Advance, Personally, Professionally and Globally

Tenet 5: Transform Patient Care

Tenet 6: Unleash surgical Enterprise as a mindset. Description: The ideal incumbent is an enthusiastic, highly motivated, organized individual with interpersonal skills who will enjoy collaborating and conducting research in a stimulating environment. As a member of our lab, the successful candidate will be part of a team conducting independent research to study the effects of burn on the adipose and adipose associated mediators. The results from the studies could potentially lead to the development of novel therapies to improve clinical outcomes of severely burned patients. Skills and Qualifications:

- PhD (or combined MD/PhD) in Cell Biology or Metabolism, with strong background in lipids and adipose tissue research
- Experience in some or all of the following techniques: flow cytometry with multi-color panel design

for immune cell profiling & immune cell sorting, assessments of immune cell function and immunometabolism both in vitro and in vivo, biochemical techniques (e.g. western blot, IP's, etc.), primary cell culture, animal/rodent models, molecular biology techniques (real-time gene expression, etc.), tissue processing, imaging (e.g. confocal microscopy) Study design and hands-on execution & interpretation of mitochondrial respiration measurement and mito stress tests Experience in study design and result interpretation involving metabolomics, proteomics, and scRNA-seq considered as strong assets Self-motivated, detail-oriented, and results-driven Strong ability to take initiative and work independently, as well as in a team environment Excellent written and oral communication skills

- Proven track record of publications in high quality journals required (minimum of 5 publications); some successful minor grant funding desirable

Duration and Funding: The term of the fellowship is two years. Selection will be based upon the candidate's research potential and required qualification and skills. The salary is \$50,000 CAD/year with benefits.

For more information, visit [McMaster University for POST DOCTORATE FELLOW](#)