

## Postdoctoral Research Fellow – Toronto Ontario

Job Posting #797846

Position: Postdoctoral Research Fellow  
Site: Toronto General Hospital Research Institute  
Department: Advanced Diagnostics  
Reports to: Principal Investigator  
Status: Temporary Full-time (2 years)

The lab focuses on cardiovascular disease and understanding the role of immune cells in tissue injury and regeneration. We have developed and utilize specialized surgical, infectious and genetic models of tissue injury in mice, and also study human patient samples in order to develop strategies to improve tissue healing. As a key member of the Epelman lab, the successful candidate will be responsible for studying the role of dendritic cells and T cells following viral infection of the myocardium, using a variety of immunological and genetic techniques in mice and humans with the goal of improving cardiac regeneration. The focus on the work will be on immunity in cardiovascular disease.

### Qualifications:

- PhD degree awarded within the past 5 years in Immunology or biological science is required
- Expertise with animal models and genetically modified mice
- Expertise with flow cytometry, cell sorting and immunological assays
- Expertise with virology
- Expertise with RNA analysis (gene expression arrays, RNA sequencing)
- Expertise with molecular biology
- At least one first authored publication in the field
- Attention to detail and strong organizational skills
- Good verbal and written communication skills
- Proficiency in Microsoft Word, Excel and PowerPoint
- Demonstrated ability to work independently and as part of a team Interest and drive to create their own novel research direction

If you are interested in making your contribution at UHN, please apply on-line. You will be asked to copy and paste as well as attach your resume and covering letter. You will also be required to complete some initial screening questions.

<https://www.recruitingsite.com/csbsites/uhncareers/JobDescription.asp?SiteID=10031&JobNumber=797846>

**Closing Date:** Until filled

UHN thanks all applicants, however, only those selected for an interview will be contacted.

UHN is a respectful, caring, and inclusive workplace. We are committed to championing accessibility, diversity and equal opportunity. Requests for accommodation can be made at any stage of the recruitment process providing the applicant has met the Bona-fide requirements for the open position. Applicants need to make their requirements known when contacted.