JOB DESCRIPTION
FOR A POSTDOCTORAL VISITOR AT YORK UNIVERSITY

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**Background**

The Abdul-Sater lab at York University in Toronto has an availability for a postdoctoral fellow position to work on a recently funded CIHR project. The lab is interested in understanding the regulatory mechanisms of inflammation with an emphasis on rheumatic diseases.

This postdoctoral position is available in May 2019 and will remain open until the position is filled. We are looking for a highly motivated PhD graduate who meets the qualifications and description outlined below. The fellow is expected to use and establish cellular and animal models to investigate the role of TRAF1 in rheumatoid arthritis and other inflammatory diseases. Experiments will entail using molecular biology and biochemical techniques as well as multi-color flow cytometry. In vivo experiments will employ mixed bone marrow chimera in several models of rheumatoid arthritis and sepsis.

**Overall Purpose of Postdoctoral Position**

As a postdoctoral fellow in the Abdul-Sater laboratory, with the guidance of the PI, and within the bounds of the research project mandate, the Postdoctoral Fellow will design, perform and analyze the experiments related to the proposed research. More specifically, the Postdoctoral Fellow in Immunology will be responsible for the following tasks and activities: Designing and performing the experiments outlined in the research proposal; analyzing the data and presenting them in lab meetings and scientific conferences; writing and editing manuscripts to publish the data, mentoring a graduate student who will be working on a closely related project.

**Key Responsibilities**

- Designing experiments
- Performing experiments and analyzing the data
- Presenting the data in lab meetings and scientific conferences
- Writing manuscripts to publish the data

**Skills and Qualifications**

**Educational Qualifications**

Applicants must have completed all requirements for a PhD.

**Training/Experience Required**

Applicant must have a PhD in immunology, cell biology, biochemistry, human genetics, physiology, molecular biology, or a relevant discipline. Relevant experience includes flow cytometry, animal models and standard molecular biology and biochemical techniques.

**Years of Experience Required**

0-3 year of postdoc experience

**Terms and Conditions**

This postdoctoral position based in Abdul-Sater laboratory / Kinesiology Department with a 1 year initial contract, with a possibility of yearly renewal.

Salary: $45,000 - $50,000 depending on experience

**How to Apply**

gradstudies.yorku.ca
To apply for this position, please submit the following documents:

- A cover letter
- A detailed and up to date CV
- A brief statement of research experience
- Contact information for three individuals willing to provide references

Please submit all documents by email to aasater@yorku.ca by April 15, 2019.
Qualified applicants will be invited for an interview to be conducted in person and/or by telephone or Skype.