



JOB POSTING – POSTDOCTORAL FELLOW

Area of Research: A postdoctoral position is available in the laboratory of Dr. Goetz Ehrhardt at the University of Toronto. Dr. Ehrhardt's lab is focusing on harnessing the VLR antibodies of the evolutionary distant sea lamprey for biomarker discovery approaches. Unlike conventional antibodies, the VLR antibodies of the sea lamprey use the beta-sheet forming leucine-rich repeat as basic structural unit. The resulting distinct protein architecture and the large evolutionary distance of jawless vertebrates suggest that VLR antibodies may bind to epitopes that conventional antibodies cannot readily recognize for structural or tolerogenic reasons. We are currently investigating the use of monoclonal VLR antibodies as novel research reagents for the identification of biomarkers on latently HIV-infected T cells.

Description of duties: Further development of a research program aimed at generating monoclonal VLR antibodies to T lineage cells in the context of latent HIV infection. Presentation of research results at lab meetings and conferences. Working independently, the incumbent will be responsible for managing his/her own project as well as assisting other trainees with their projects when required.

Salary: Starting salary is \$40,000 per annum.

Required qualifications: The successful candidate should be highly motivated and hold a recent PhD in Immunology or a related discipline. Solid background in molecular and cellular biology techniques is required. Experience in protein purification/analysis and recombinant antibody library screening will be of advantage.

Application instructions: All individuals interested in this position must submit a covering letter describing research experience and interests, a CV and contact information for two referees to Dr. Goetz Ehrhardt (goetz.ehrhardt@utoronto.ca) by the closing date.

Posting Date: April 14, 2015

Closing date: April 28, 2015 (*will remain open until filled*)

Supervisor: Dr. Goetz Ehrhardt

Expected start date: June 01, 2015

Term: The initial term of the contract will be for one year with the possibility of renewal.

FTE: 100%

Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement. This employment opportunity is posted in accordance with the CUPE 3902 Unit 5 Collective Agreement.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.