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## Postdoctoral Position

**Description:** Talented post-doctoral fellows will participate in projects with aim of discovery of potent, selective and cell active modulators of drug target function towards discovery of therapeutics for various diseases. These projects include characterization of drug targets, their function, assay development, small molecule screening, and other related in vitro drug discovery processes in Dr. Masoud Vedadi's lab, Department of Pharmacology and Toxicology, in a team-work environment (<https://pharmtox.utoronto.ca/faculty/masoud-vedadi>). The targeted families of proteins include viral RNA methyltransferases, human RNA, DNA and protein methyltransferases, and protein complexes (PPI). A few of the most recent publications from Vedadi's lab are: PMIDs: 36040262, 33619486, 35822715, 36948210, 37749144, 37728236, 37294077.

The successful candidate will develop and employ biochemical and biophysical techniques suitable for each target towards development of therapeutics for related diseases in collaboration with various Canadian and international collaborators.

**Qualifications:** The candidate should have received her/his PhD degree within the last 5 years, have strong background in protein biochemistry with experience in enzymology and protein characterization, and an excellent publication record. Excellent communication and organizational skills are required. Experience in small molecule screening and/or working with targeted families of proteins is preferred.

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. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement. The normal hours of work are 40 hours per week for a full-time postdoctoral fellow (pro-rated for those holding a partial appointment) recognizing that the needs of the employee's research and training and the needs of the supervisor's research program may require flexibility in the performance of the employee's duties and hours of work.

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**Date of posting:** December 5, 2023

**Application Deadline:** Applications will be accepted until at least December 20<sup>th</sup>, 2023

**Start Date:** The position is available immediately.

**Term:** Full time, one year contract, renewable upon mutual agreement and funding availability.

**Salary:** \$55,000 - \$60,000 depending on experience.

**Please send your resume and cover letter to:** [m.vedadi@utoronto.ca](mailto:m.vedadi@utoronto.ca)