



Postdoctoral position in Structural Biology at the University of Toronto

We are seeking an enthusiastic and self-motivated Postdoctoral Fellow to study macromolecular complexes involved in gamete fusion in the Lee Lab at the University of Toronto, Department of Laboratory Medicine and Pathobiology. The Postdoctoral Fellow will lead research efforts to perform structure-function studies of macromolecular complexes involved in the binding and fusion of human sperm and egg. The research will entail protein-protein interaction studies, crystallography and/or cryo-EM.

Qualifications:

- PhD in Biochemistry, Structural Biology, or a related field
- Experience with cloning, protein expression, and protein purification methods
- Experience with insect or mammalian cell culture is a benefit
- Solid practical and theoretical understanding in X-ray crystallography and/or cryo-EM
- Strong publication record
- Fluent in English (written and oral)
- Strong scientific writing skills
- Excellent problem solving, interpersonal, communication and presentation skills

The position is available immediately. University of Toronto is well equipped with state-of-the-art equipment for molecular biology, protein purification, biophysics and structural biology (crystallography, NMR and cryo-EM). Please visit the Lee Lab website (<https://www.leelab-utoronto.com>) for more information.

Interested candidates are invited to send your CV, a brief description of research interest and experience, names of three references by email to: Prof. Jeff Lee jeff.lee@utoronto.ca