



Posting Date: March 28, 2022

The Donnelly Centre, Faculty of Medicine, University of Toronto **JOB POSTING – POSTDOCTORAL FELLOW**

Area of Research: Molecular Biology, Functional Genomics, Pioneering Drug Discovery Technology, Analytical Chemistry

Description of duties: The laboratories of Peter Roy, Charlie Boone and Brenda Andrews are seeking an enthusiastic post-doctoral fellow to further develop a functional genomics-based drug-screening technology called PEXIL™. Cell-based screens will be performed massively in parallel to identify novel compound leads to selectively target multiple human pathogens, disease vectors, and agricultural pests. Hits will be followed up against cultured targeted organisms in-house and through our international network of collaborators. The mechanism of action of selective hits that translate will be investigated through analytical chemistry and chemical-genomic approaches. Opportunities for shared IP exist. Opportunities to carve out a protected area of research from the main project in the pursuit of an independent career will be ensured, encouraged, and supported. Duties will include performing hands-on wet lab experiments, data analyses, networking, and preparation of manuscripts. Presentation of progress at international conferences is expected.

Salary: \$65K/year + benefits.

Required qualifications: The ideal candidate is a highly qualified and ambitious PhD graduate (2 years or less post PhD) in the fields of molecular biology, genetics or genomics. The successful candidate will have a strong publication record and a demonstrated ability to perform impactful research as part of a multidisciplinary, collaborative team. They will have excellent communication skills (oral and written), excellent organizational skills, and be able to work independently.

Application instructions: All individuals interested in this position must submit a cover letter, CV, and a minimum of two reference letters of to the Peter Roy (peter.roy@utoronto.ca) by the closing date.

Closing date: May 1, 2022

Supervisor: Co-supervised by [Peter Roy](#), [Charlie Boone](#) and [Brenda Andrews](#)

Expected start date: Sept 1, 2022

Term: One year with the possibility of renewal for two more years.

FTE: 100%

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.

Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement.

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The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.