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## Postdoctoral Position

### Pharmacogenomics Laboratory of Rachel F. Tyndale

#### University of Toronto and CAMH, Toronto, Ontario, Canada

The laboratory of Dr. Rachel F. Tyndale is recruiting a Postdoctoral Fellow to join our group at the University of Toronto and Centre for Addiction and Mental Health. The research focus of our laboratory is the pharmacogenomics and neuropharmacology of drug response and risk for drug use and addiction. We also study the role of genetics in the risk for diseases and disorders associated with drug addiction. Our laboratory investigates intersections between sex, gender, genetics, and ancestry to better understand individual differences in the use and abuse potential of psychoactive drugs including nicotine and opioids. Importantly, in identifying genomic predictors of response to treatment medications, we also advance personalized medicine approaches for the treatment of drug addiction.

The ideal candidate would have a PhD in Pharmacology or Genetics or a related field. Proficiency in statistical genetics and/or bioinformatics is considered an asset. The ideal candidate would also have experience in analyzing 'big data', bash scripting, one or more programming languages, and Linux, and would take the lead in designing and running projects investigating genomic sources of variation in drug metabolism, addictions, and related diseases.

Our laboratory additionally provides a rich training environment in the areas of drug metabolism, pharmacogenomics, and preclinical research. Dr. Tyndale and senior scientists in the group have an appointment at both the University of Toronto and the Centre for Addiction and Mental Health, enhancing the close association between the

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institutions and providing unique opportunities for collaboration between Scientists in the Department of Pharmacology and Scientists/Clinicians at the Centre for Addiction and Mental Health, and throughout the research-rich environment of the Toronto Academic Health Science Network (TAHSN) hospitals.

This position is available immediately, initially for a period of one year with the option of extension for additional years. Salary is commensurate with experience, with a minimum of \$40,000 Canadian dollars per annum. 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.

Interested candidates should send a CV and a cover letter outlining their research interests and career goals to:

**Dr. Rachel F. Tyndale, [r.tyndale@utoronto.ca](mailto:r.tyndale@utoronto.ca)**

Professor Departments of Pharmacology & Toxicology, and Psychiatry, University of Toronto

Canada Research Chair in Pharmacogenomics, Pharmacogenetics Head, CAMH

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