POSTDOCTORAL POSITION

COMPARATIVE TRANSCRIPTOMICS AND PLANT PHYSIOLOGY

A postdoctoral position in the field of Transcriptomics and Plant Physiology is available in the Global Change Molecular Plant Physiology group at the Department of Biology, University of Toronto Mississauga, supervised by Prof. Ingo Ensminger. We are using physiological, molecular, genomic and remote sensing tools to study plant performance in a changing climate.

DUTIES

The successful candidate will investigate the function of genes involved in climate adaptation. A combination of phenotyping and RNA-Seq approaches will be used to identify climate relevant genes and probe their contributions to cold hardiness, drought hardiness and heat stress responses. Candidates are expected to work in an interdisciplinary research project with collaborators at the University of British Columbia, the University of Calgary and the Ministry of Forests, Lands and Natural Resources, British Columbia.

PROFILE

Candidates must hold a PhD in plant physiology, molecular biology or a related discipline and should have strong quantitative and writing skills. Candidates should have experience with RNASeq analysis and documented experience with programming languages such as Python, Rcran tools for the analysis of large data sets.

HOW TO APPLY

Please email your application as a single PDF to Ingo Ensminger (ingo.ensminger@utoronto.ca) with the following subject line: Postdoc Comparative Transcriptomics and Plant Physiology. Also include a cover letter with a brief statement of your research interests (max. 1 page), your CV, and contacts of three references. Review of applications will begin immediately and continue until the position is filled (start of contract expected by January 2017). This is a one-year position, with possible extension of up to 3 years.

For more information please contact Ingo Ensminger (ingo.ensminger@utoronto.ca, +1 905 569 4599). Further information can also be found at http://www.utm.utoronto.ca/ensminger/. For general information for postdoctoral fellows at the University of Toronto please visit http://www.sgs.utoronto.ca/postdoctoralfellows

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, LGBTQ persons, and others who may contribute to the further diversification of ideas.