

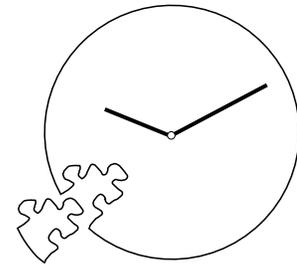
Graduate student position available

Circadian disruption and schizophrenia

Laboratory of Molecular Chronobiology

Douglas Research Centre

McGill University, Montreal



Laboratoire de
Chronobiologie
Moléculaire Laboratory of
Molecular
Chronobiology

Description

A graduate student position is available. Research projects in the laboratory aim at defining the molecular mechanisms underlying circadian clocks and their links with physiology. This research is crucial to better understand circadian rhythms, and the numerous health issues that can arise following their dysregulation (such as in shift workers): sleep and mood disorders, cancer, metabolic syndrome, cardiovascular problems... **The selected candidate will join our ongoing efforts to study the links between circadian disruption and neurodevelopmental disorders such as schizophrenia** (see e.g., Delorme et al, *Brain Behav Immun*, 2021, Delorme et al, *J Biol Rhythms*, 2020, Bhardwaj et al, *Behav Brain Res*, 2015).

The selected candidate will work under the supervision of **Dr. Nicolas Cermakian**, Director of the Laboratory of Molecular Chronobiology, and co-supervision of **Dr. Lalit Srivastava**, at the Douglas Research Centre and McGill University. More information about the laboratory can be found at: <http://ncermakianlab.mcgill.ca>.

Expected background of candidates

Candidates should hold a B.Sc. or M.Sc. in basic biological sciences (e.g. Neuroscience, Biochemistry...) at the time of taking up the position.

Prior lab experience for the following constitute clear assets for these positions:

- Mouse work, in particular with molecular neuroscience/behavioural approaches
- Molecular/cellular biology approaches

How to apply

To apply for the position, the following documents should be sent by email to Dr. Nicolas Cermakian (nicolas.cermakian@mcgill.ca):

- Letter of presentation/motivation
- CV (including list of several reference persons)
- University transcripts

