

Postdoctoral position available
Circadian control of immune functions
Laboratory of Molecular Chronobiology
Douglas Mental Health University Institute
McGill University, Montreal

Description

A postdoctoral fellow 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 circadian regulation of the immune response in mice (see Fortier et al., *J. Immunol.*, 2011).

The selected candidate will work under the co-supervision of Dr. Nicolas Cermakian, Director of the Laboratory of Molecular Chronobiology, at the Douglas Mental Health University Institute and McGill University, and Dr. Nathalie Labrecque, immunologist at the Hôpital Maisonneuve-Rosemont Research Centre. The Douglas Institute is one of the leading mental health research institutions in Canada, while McGill University is a world-renowned university. More information about the laboratory can be found at: <http://ncermakianlab.mcgill.ca>.

Expected background of candidates

Candidates should hold a Ph.D. in basic biological sciences (e.g. Immunology, Biochemistry...) at the time of taking up the position, and are expected to have strong background in:

Chronobiology and/or Immunology

Mouse work

Molecular/cellular approaches and/or flow cytometry

How to apply

To apply for a 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)