Perinatal Neurology - Postdoctoral internship

CHU Sainte-Justine Research Center

Principal Investigator: Gregory A Lodygensky, M.D., Assistant Clinical Professor
Department of pediatrics and neuroscience
University of Montréal
Starting date: Immediate

Research project description

A postdoctoral internship is available immediately in the laboratory of Dr. Lodygensky research, at CHU Sainte-Justine Research Center. The objective of this training internship will be to study the cellular basis of perinatal inflammation associated with preterm birth. The postdoctoral student will be assigned a research project which will involve characterization of inflammation at the subcellular level in an animal model by sophisticated approaches of immunohistochemistry. The postdoctoral student will benefit from Dr. Alexey V. Pshezhetsky, PhD, Co-Director and Professor of University of Montréal department of Pediatrics and Biochemistry, complementary expertise.

The candidate must:

• Hold a PhD degree (or a M.SC. with an MD without right of practice) as well as an excellent academic record;
• Be motivated and self-determined to complete this project;
• Have solid experience with Immunohistochemistry methods, confocal microscopy;
• Demonstrate an interest in behavioural assessments;
• Have good communication and organization skills;
• Impeccable writing English.

Conditions of internship

The postdoctoral student must apply for admission at the University of Montreal as a postdoctoral fellow and will comply with all applicable eligibility conditions. Because the recipient is a trainee and not an employee of the CHU Sainte-Justine or Université de Montréal, the recipient is not entitled to employment benefits. Deductions for Canadian income tax will be made from twice monthly stipend, but the stipend is no subject to source deductions for Employment Insurance or Canada Pension Plan. All post-doctoral students at the CHU Sainte-Justine receive a stipend from their Principal investigator research funds (according to the minimum amount required at the CHU Sainte-Justine Research Center). The candidate should apply for external scholarship awards. The candidate will also have access to the internal postdoctoral fellowship program of the Sainte-Justine UHC Foundation.
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The duration of research development is conditional:
• On the availability of research funds;
• To the project’s progress;
• Eligibility of the intern to renew its status as postdoctoral fellow at the university.

How to apply
Interested candidates are invited to submit their application by e-mail at the following address GA.lodygensky@umontreal.ca including
• A full scientific CV outlining their scientific academic background and research experience;
• Cover letter;
• Transcripts ;
• References.

About the Research Center
CHU Sainte-Justine Research Center is a leading mother-child research institution affiliated with Université de Montréal. It brings together more than 200 research investigators, including over 90 clinician-scientists, as well as 360 graduate and postgraduate students focused on finding innovative prevention means, faster and less invasive treatments, as well as personalized approaches to medicine. The Center is part of CHU Sainte-Justine, which is the largest mother-child center in Canada and second most important pediatric center in North America. More on research.chusj.org