Position: Postdoctoral Researcher

Hiring Unit: Pause Lab, GCRC

Supervisor: Dr Arnim Pause

Work Location: McIntyre Medical Building, room 706

Annual Stipend: $40,000 to $45,000 depending on previous research experience

Planned Start Date & End Date: As soon as possible, 1 year, renewable

**Primary Duties**

Project Description:
Role of ESCRT component HD-PTP/PTPN23 in cancer. Components of the Endosomal Sorting Complexes Required for Transport (ESCRT) have long been proposed to act as tumor suppressors. PTPN23 or HD-PTP, an ESCRT associated protein, is located on 3p21.3, a region frequently deleted in many human malignancies. Homozygous deletion of Ptpn23 in mice is embryonic lethal at day 9.5 and interestingly the heterozygous mice show a haploinsufficiency phenotype which predisposes mice to spontaneous B-cell lymphoma. Dr. Pause laboratory is currently studying the role of this ESCRT sub-complex (Endofin, UBAP1 and HD-PTP) in mediating leukemia/lymphoma progression and altering the microenvironment upon deletions of one of the subunits and is looking to hire a Postdoctoral fellow to join his laboratory team.

Primary duties include:
- Establishment of research methods and design of protocols to be used in the lab, as well as trouble shooting of research issues and resolution conceptual problems in experimental design.
- Review and evaluation of research findings and interpretation of results
- Preparation of internal and external reports
- Preparation of scientific manuscripts
- Dissemination of research results at internal and external scientific meetings and in peer-reviewed scientific publications
- Establishment and maintenance of collaborations with other research groups both within and outside McGill
- Prepare and submit applications for competitive post-doctoral funding
- As a senior trainee in the laboratory, expected to assist his colleagues and junior trainees, including the graduate and undergraduate students demonstrating techniques, offering advice and suggestions for problem solving.
- Contribution to the weekly scientific discussions at the weekly laboratory meetings and journal clubs.

**Education/Experience**
- Ph.D. in Biochemistry
- Diversified experience in biochemical, molecular biology and cellular biology methods

**Other Qualifying Skills & Abilities**
- Excellent knowledge of various softwares: Office suite, Photoshop, Illustrator, Endnote, Prism, Acrobat
- Organized, structured, self-taught, team worker, communicator, critic, able to work independently with limited instructions, efficient under pressure, resourceful, professional
- Proven scientific writing skills in English

**How to Apply**

Please submit your CV and Cover Letter to arnim.pause@mcgill.ca