**Position Title:** Research Associate  
**Hiring Unit:** Pause Lab, GCRC  
**Supervisor:** Dr Arnim Pause  
**Work Location:** McIntyre Medical Building, room 706  
**Hours/Week & Schedule:** 40hrs/week; Monday to Friday; 9am to 6pm. Some week-ends as required by experiments  
**Hourly Wage:** $24.19  
**Planned Start Date & End Date:** As soon as possible, 1 year  
**Date of Posting:** Monday April 10, 2017  
**Deadline to Apply:** Friday, April 14, 2017  

**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 Research Associate to join his laboratory team.

Primary duties include:
- Design, carry out and troubleshoot research experimental procedures; help others in experimental design and analyze
- Critical data analysis, synthesis, interpretation, presentation and conclusion
- Develop and establish new experimental procedures
- Contribute experimentally and intellectually to lab publications
- Contribute to the intellectual climate of the laboratory and to help in the discussions at weekly laboratory meetings
- Review field literature on a regular basis
- Contribute to grant applications (figures, proposal, form) and manuscripts, preparing results for presentation, publication or grant application
- Prepare summary reports, abstracts, and of manuscripts for publication in peer-reviewed journals
- Train laboratory members on experimental procedures
- Supervise students (graduate, undergraduate)
- Participate in regular meetings with the supervisor and oversee laboratory work and submit weekly reports
- Troubleshoot others’ experimental problems
- Contribute to the scientific content and co-write the associated portions of any grant applications
- Any other related activities assigned by the Research Supervisor.

**EDUCATION/EXPERIENCE**

Ph.D. in Biochemistry + minimum of 5 year of research experience in biochemical, molecular biology and cellular biology methods

**OTHER QUALIFYING SKILLS & ABILITIES**
- Excellent knowledge of various software: 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

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McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities, and others who may contribute to further diversification. In accordance with Canadian and Quebec law, the above is conditional upon obtaining the appropriate work authorization from any or all of the following as applicable: Citizenship & Immigration Canada, Immigration Quebec and Human Resources & Skills Development Canada (HRSDC).