



Employment Offer

Organization: **Lady Davis Institute for Medical Research (LDI)**
Jewish General Hospital

Title: **Research Assistant**

Service: **LDI – Dr. April Rose**

Shift: **Full time position.** Monday to Friday

Start Date: March 1, 2024

Salary and benefits: According to the LDI HR policy

Summary of responsibilities:

Dr. April Rose's lab at the Lady Davis Institute for Medical Research is seeking a research assistant to carry out a CIHR-funded research program aimed at interrogating the role of mutant NRAS in modulating immunotherapy response in melanoma.

Main Tasks:

The main job responsibilities include, performing cell culture, including co-culture systems with immune cells and cancer cells, interrogating changes in gene and protein expression and cell function. Additionally, the hired research assistant will be responsible for preparing and maintaining animal use protocols and other administrative tasks as well performing *in vivo* experiments in mouse model systems. The research assistant will be responsible for diligent record keeping of experimental methodologic details and results, contributing to manuscript writing, and teaching experimental techniques and analysis to students in the lab.

Requirements:

- Master's level in Experimental Medicine or related field
- Experience working with cancer cells and immune cells in cell culture
- Experience with standard molecular biology techniques: immunoblotting, transfection, qRT-PCR, RNAseq, microscopy
- Knowledge of statistical analyses and the use of statistical packages, including the use of syntax (R and Stata are the primary packages used in the lab) is a strong advantage
- Experience working with mice is an asset.
- Ability to work collaboratively with a team

Interested candidates are invited to submit a CV and cover letter by email to Dr. April Rose at (april.rose@mcgill.ca).

The Lady Davis Institute for Medical Research (LDI) is committed to equity, diversity and inclusion within its community. The LDI has an equal opportunity employment program and welcomes applications from all qualified candidates, regardless of their characteristics, with the skills and knowledge to productively engage with diverse communities. Accommodation for any part of the application process may be provided to persons with disabilities who request it.