

Position: Biomedical Laboratory Technologist

Molecular Pathology Research Core Lady Davis Institute

Full time position (35 hours per week)

Start date: January 2019

Term: 1 year contract (Remuneration based on experience)

Position Overview

Under administrative direction of the Molecular Pathology Research Core, the recruited Biomedical Laboratory Technologist will be responsible for complex laboratory procedures, exercised with a high level of independency. Using state of the art equipment he/she will use their extensive knowledge of science and laboratory procedures, particularly in molecular genetics and biology to perform gene expression and NGS services for the Lady Davis Institute community. In addition, the Biomedical Laboratory Technologist will assist in the development of new technologies, standardizing and implementing laboratory procedures and quality control assessment of data output.

Responsibilities include (but not limited to)

- Routinely perform:
 - o Nucleic acid extraction from different sources (FFPE, Frozen tissue, Blood...)
 - o NanoString gene expression and miRNA profiling
 - o NGS targeted Sequencing on Illumina and/or Ion torrent platforms
 - o Droplet Digital PCR (ddPCR ; Bio-Rad platform) for circulating tumor DNA
- Perform routine testing, quality control, calibration, maintenance and proficiency testing in accordance with current laboratory procedures.
- Perform complex molecular-based procedures with a high degree of quality and in accordance with established protocols.

Required knowledge, skills and abilities:

- DEC in Biomedical Laboratory Technology or BSc in biological sciences or related field.
- Proficient oral and writing communication skills
- Proficient basic computer skills (Microsoft Excel, Word, PowerPoint...)
- Knowledge of good laboratory practices (GLP)
Knowledge of laboratory safety and practices including standard precautions and hazardous chemical handling
- Experience working in a dynamic environment. Must be able to manage a diverse set of obligations on a daily basis with rapidly changing demands and priorities.
- Ability to exercise independent judgement and responsibility with minimum supervision
- Excellent organization and time management skills
- Ability to work under pressure and deliver within timelines

Preferred:

- o Work Experience in a Molecular Pathology Laboratory Setting
- o Experience performing Next Generation Sequencing.
- o Strong interpersonal skills for working with facility users and potential new clients within the research community.

Please send your resume and the name of three references with email address and phone number to:

melchebly@jgh.mcgill.ca

While we thank all applicants for their interest in the position, only select candidates will be contacted for an interview.