



Sergio A. Burgos, PhD.
Assistant Professor in Animal Nutrition and Metabolism

sergio.burgos@mcgill.ca
Tel: (514) 398-7802

JOB TITLE: Laboratory Technician

JOB SUMMARY: Under the direction of the immediate supervisor, participates in the execution of laboratory projects and experiments. Performs a variety of specialized technical tasks according to established methodology. Prepares materials and equipment. Compiles data. Demonstrates techniques. Maintains equipment.

MAJOR DUTIES AND RESPONSIBILITIES:

1. Participates in the execution of laboratory projects and experiments. Performs a variety of specialized technical tasks in molecular biology and cellular metabolism.
2. Prepares and sets up materials and equipment. Performs a variety of assays, analyses and tests such as tissue culture, electrophoresis, and molecular cloning.
3. Records results, performs calculations and compiles data. Maintains records and files.
4. Demonstrates the operation of apparatus or techniques.
5. Maintains equipment. Arranges for servicing.
6. Ensures the cleanliness and safety of the work area.
7. Maintains inventory. Purchases equipment and materials.
8. Uses a variety of equipment such as balances, pH meters, pipettors, biological safety cabinets, incubators, autoclaves, microscopes, spectrophotometers, centrifuges, chromatography apparatus, electrophoresis apparatus, and computers.
9. Ensures compliance with safety regulations in the use of equipment. Ensures proper storage, handling and disposal of hazardous materials.
10. Maintains inventory. Recommends and purchases equipment and material.
11. Performs accounting functions such as monitoring expenditures, verifying ledgers and resolving discrepancies.
12. The list of duties and responsibilities outlined above is representative and not a complete and detailed list of tasks which may be performed by an employee whose position has been matched to this generic job description.

QUALIFYING SKILLS:

- Experience with cell culture, ability to isolate primary cells will be considered an asset;
- Experience in preparing culture media and stock solutions;
- Experience with basic molecular biology techniques (western blotting, real-time PCR);
- Strong interpersonal skills and ability to communicate.

EDUCATION AND EXPERIENCE:

- DEC III (Medical Laboratory Technology) -- 2 years of related experience

Position start date: Immediately (until 31 May 2021; with the possibility of renewal)

Number of hours to be worked per week: 20

Hourly wage: \$25 + benefits

TO APPLY:

Submit resume and cover letter to sergio.burgos@mcgill.ca by November 6, 2020.

Department of Animal Science

Faculty of Agricultural and Environmental Sciences, Macdonald Campus, 21111 Lakeshore Road, Ste. Anne de Bellevue, Québec, Canada H9X 3V9