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## Casual Research Assistant (Dr. Ignea Lab)

### Description

Casual Research Assistant position under the supervision of Dr. Codruta Ignea

Department of Bioengineering, Faculty of Engineering

#### Position Summary:

- To operate and perform maintenance of the laboratory equipment.
- To operate and perform maintenance of the GC-MS instruments
- To establish GC-MS methods for analysis of different classes of compounds
- To perform analysis of relevant standard compounds
- To develop calibration curves for compound identification based on literature and in house standard compound analysis.
- To refresh existing biological material, such as DNA constructs and yeast samples for further preparation of control extracts for calibration of the GC-MS instrument
- To prepare yeast extracts of selected samples for identification of different type of compounds by GC-MS
- To prepare and organize lab orders of consumables and other materials required for operation of lab equipment.
- To set up routine protocols for operation and safety procedure related to lab equipment.

#### Qualifications:

- Graduated from BEng in Bioengineering
- Knowledge and interest in Synthetic Biology and Metabolic Engineering.

### Responsibilities

What to do in this position

### Hiring organization

McGill Genomic Department

### Employment Type

Full-time

### Beginning of employment

Start date July 1st 2021

### Duration of employment

12 months

### Industry

Bioinformatics

### Job Location

1111 Rue McGill, H3A-0A5,  
Montreal, Canada

### Working Hours

9-5pm

### Base Salary

\$ 25\$ - \$ 35

### Date posted

April 19, 2021

### Valid through

30.04.2021