LABORATORY TECHNICIAN POSITION in Biochemistry and Microbiology

Evolutionary Biophysics Group @ Montreal
Département de Biochimie
Centre Robert-Cedergren en Bioinformatique & Génomique
Faculté de Médecine, Université de Montréal
www.serohijoslab.org

About the Lab:
The Evolutionary Biophysics Group of Dr. Serohijos is interested in understanding fundamental problems in the interface of protein biochemistry and microbial evolution, especially the evolution of antibiotic resistance.\textsuperscript{1,2} We combine experimental tools and techniques from biochemistry, molecular biology, and protein engineering to determine the potential pathways towards drug resistance. These experimental results are then integrated into computational models to predict the course of microbial evolution.

We are looking for a lab technician with primary expertise in protein biochemistry and microbial genetics.

Primary Responsibilities:
- Perform standard laboratory techniques in microbiology such as bacterial propagation, cloning, and transformation
- Implement the established protocols for the design of diversity libraries
- Perform standard biochemistry techniques such as protein expression, purification, and functional assays of enzymes

Other Responsibilities:
- Manage the ordering, purchase, and preparation of materials/reagents required for the smooth operation of experiments
- Assist and train junior lab members in the operation of standard protocols
- Participate in planning the implementation of protocols and be responsible for the maintenance of the lab facilities for the smooth operation of the experiments
- Ensure the compliance with existing security guidelines, including personnel safety and handling of chemical and biological products
- Maintain knowledge of relevant literature and participate in training workshops and seminars

Qualifications of the Ideal Candidate:
- Bachelor’s Degree in Biochemistry, Microbiology, Chemistry or a related discipline and at least 2 years of laboratory experience
- Extensive hands-on experience in standard microbiology techniques such as bacterial culturing, cloning, transformation
- Extensive hands-on experience in standard biochemical techniques such as protein expression, purification, and biochemical assays
- Strong communication skills
- Working knowledge of laboratory health and safety regulations

Salary and Benefits:
$24.01 to $31.47 per hour plus benefits. Exact salary will be determined by years of experience and qualifications as judged by the collective bargaining agreement of the SERUM-PSA.

Contact:
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Diversity Statement:

University of Montreal is committed to Employment Equity and encourages applications from women, Aboriginal Peoples, visible minorities, ethnic minorities, and persons with disabilities.