

BIOC 462/491 Internship Position in Industry

Winter 2024

Restrictions

Open only to Honours Students enrolled in BIOC 462/491 during the winter 2024 semester

Company:

REPARE

THERAPEUTICS

Repare Therapeutics,

7171, Rue Frederick Banting, Building 2

Ville Saint-Laurent, QC H4S 2A1

<https://www.reparerx.com/>

Project Title: Tumor antigen expression analysis

Objective: Leveraging advanced fluorescence-based imaging techniques in supporting the early development of cancer therapy

Description: The student will join the Cancer Biology team at Repare Therapeutics to validate expression of a novel therapeutic target candidate in different cancer subtypes. The student will gain hands-on experience with tissue immunofluorescence staining of human tumor microarrays and will measure target expression using high-content confocal microscopy and an advanced imaging analysis platform. Along the way, the student will develop skills in automated image acquisition, quantitative data extraction, and data interpretation and visualization. Overall, this research project offers a unique opportunity for the student to make meaningful contributions to the early phases of drug discovery in biotech while gaining insights into the processes and strategies that guide therapeutic innovations.

Contact Information

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