



Undergraduate Medical Education Elective

Research – Medical Oncology

Cancer Prevention Research Unit

Supervisor	Dr. Michael Pollak	Telephone	(514) 340-8222, x 5527
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Elective Description

This elective is designed to give motivated students experience in clinical and laboratory research related to the challenge of cancer prevention. There is an option for exposure to laboratory research in this area, which involves studies of various approaches to risk reduction for common tumors such as breast and prostate cancer. In addition, there is an opportunity to participate in clinical projects related to cancer prevention, including various clinical trials, as well as epidemiological studies seeking to identify novel targets for cancer reduction strategies.

Basic Cancer Research

Supervisor	Dr. Gerald Batist	Telephone	(514) 340-8222, x 5418
		E-mail	gbatist@onc.igh.mcgill.ca

Elective Description

Available to one student. The research conducted in this lab examines current issues of molecular pharmacology, including mechanisms and sites of action of anti-cancer treatments, as well as mechanisms of tumour resistance to these. In-vitro and in-vivo studies to overcome resistance are conducted with an aim to human clinical trials. Molecular biologic techniques are used to isolate, characterize, and manipulate genes operative in drug resistance. This is an opportunity for lab exposure and familiarization with current issues in cancer experimental therapeutics.

Centre for Translational Research in Cancer

Supervisor	Dr. Gerald Batist	Telephone	(514) 340-8222, x 5418
		E-mail	gbatist@onc.igh.mcgill.ca

Elective Description

This University Centre is aimed at coordinating laboratory investigations and early clinical trials of novel anti-cancer treatments. Members include scientists with labs at several McGill sites, and the Clinical Research Unit is located at the Jewish General Hospital. A core Tumor/Tissue Bank is also maintained as part of the Centre's activities. General areas of investigations include gene therapy, retinoids, anti-metastatic treatments, growth factor modulation, and biochemical modulation. Both laboratory and clinical experiences are possible. A detailed description of the Centre members and their projects can be obtained from this office.



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