

Fellowship in Clinical and Translational Oncology Research

Name of institution: Segal Cancer Center, Jewish General Hospital

Location: Montreal, QC

Type of fellowship: Clinical and research

Positions: 1-2

Program Information

Director: Dr April Rose

Fellowship supervisors: Dr. April Rose, Dr. Gerald Batist, Dr. Wilson Miller, Dr. Jennifer Friedmann, Dr. Cristiano Ferrario, Dr. Kim Ma, Dr. Petr Kavan, Dr. Victor Cohen, Dr. Francois Patenaude

Duration: 1 year

Number of positions: 1-2

Hospitals involved: Jewish General Hospital-Lady Davis Institute for medical research

Aim and objectives:

The aim of this fellowship is to provide the trainee with the opportunity of acquiring and consolidating his/her skills, and therefore be able to:

- Medical Expert & Professional: Independently assess the treatment plan for adult patients with cancer, and consolidate expertise for complex cases. Focus on the management guidelines of systemic treatments (chemotherapy, immunotherapy, antibody drug conjugates, targeted therapies...), and be comfortable on managing side effects and toxicities
- Health Advocate & Scholar: Interpret clinical trials eligibility, rationale and specific requirements for enrollment and follow up.
- Health Advocate, Communicator & Collaborator: Actively participate in multidisciplinary tumor boards
- Scholar, Collaborator, Communicator, Leader: Contribute to and develop an original translational oncology research in the areas of cancer therapeutic resistance and drug development. Present and disseminate research findings in the form of seminars, posters and manuscripts.

Organization:

- The Fellow will attend the usual daily clinic activities. The fellow will spend 50% of the time in clinic activity, including attending clinic, multidisciplinary tumor boards meetings and supervising residents during their rotation in the clinics
- Completion of a research project is mandatory for this fellowship. The Fellow will spend 50% of the time in research activities related to the research project. Typically the resident will attend clinic for 2-2.5 days per week. The remaining 2.5-3 days will be spent attending lab meetings, research seminars, and pursuing independent basic science or translational oncology research project.
- The Fellow will actively participate to educational and teaching sessions (MORE sessions...)
- The Fellow will be expected to do weekend call for (6 weekends per year).

- The Fellow is also expected to cover the consult service during the week (approximately 2 days per month).
- The Fellow will be required to attend and present at weekly lab meetings (2 hours per week)
- The Fellow will be required to attend and present at monthly journal clubs

Educational objectives and research expectations:

Under the supervision of the program director and the program coordinators, the fellow will acquire knowledge in a research-focused patient care. The fellow will be able to complete learning experiences in

- Translational research
- Preclinical research
- Trial design
- Data analysis
- Presentation and publication of scientific data

It is expected that the fellow will lead a translational/clinical/basic research project. The fellow will have the opportunity to learn experimental and analytical techniques including: cell culture, mouse models, RNA-sequencing. The fellow will have the support and supervision of their research supervisor and members of the Rose lab. The fellow will be able to collaborate with the members of the department (biostatisticians, clinical research assistants, data-scientists, cancer biologists). At least one manuscript publication is expected in a peer-reviewed journal, as well as presentation to national/international scientific meetings, that will be financially supported.

Vacation:

The fellow will have 4 weeks of vacation plus an additional week during either the week of December 25th and January 1st will also have one week to attend a conference. In addition, the Fellow may request funding for expenses incurred to attend the meeting where they present, provided that the research was done in the department of Oncology at McGill University.

General guidelines, prerequisites, general and specific competencies:

Applicants must meet the eligibility criteria as outlined in the faculty of medicine's postgraduate medical education website

<https://www.mcgill.ca/pgme/fellowships/admissions>

Funding:

Evaluation and assessment of progress:

The fellow will be evaluated via McGill One45 platform, monthly by his supervisor, and biannually by the program director. Formal evaluation of the fellow's progress will be done quarterly according to the Promotions Guidelines. Before the end of the training, the fellow is expected to present the results of his/her research project in multidisciplinary oncology rounds. Evaluation on completion of fellowship will require submission of clinical case log and updated curriculum vitae to the program director. On the successful completion of the fellowship, the fellow will receive a certificate signed by the program director.

Impact of fellowship on resources for residency training:

The fellow will be based at the Jewish General Hospital and will be provided with a working space and a computer. The fellow will have access to all the resources of the department and any other support required to meet the training objectives. Patient numbers and other resources are more than adequate to support the fellowship program without jeopardizing the residency training. The fellow will be able to strengthen the residents training by acting as a resource for the residents, and providing additional teaching.