



Cardiac Oncology Research Fellowship

The University of Ottawa Medical Oncology Training Program
The Ottawa Hospital Cancer Centre

Number available: 1 annually, starting July 1st
Amount: \$76,210.00 (no benefits)
Application deadline: September 30th of year preceding start of fellowship
Contact Information: Dr. Tim Asmis, Fellowship Program Director
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How to apply:

http://www.med.uottawa.ca/MedicalOncology/eng/postgraduate_fellowship_apply.html

Background

The University of Ottawa Medical Oncology Training Program (MOTP) is affiliated with The Ottawa Hospital Cancer Center (TOHCC) – a comprehensive cancer center with over 6500 new patient referrals and 220,000 follow-up visits per year. The Ottawa Health Research Institute (OHRI) is the research arm of the Ottawa Hospital which employs over 100 staff and 14 senior scientists. The TOHCC clinical trials office has over 70 active clinical trials across all disease sites, including a growing phase I/II and translational research program. The Fellowship program at the Ottawa Hospital Cancer Center is designed for trainees who have completed residency training in medical oncology. The structure of the program is individualized and is designed to build on the fellow's interests and background.

Program Overview

In 2008, The Ottawa Hospital Cancer Center created a multidisciplinary team to facilitate rapid diagnosis and treatment of cardiac complications secondary to cancer therapy. While the initial focus of this dedicated cardiac oncology clinic pertained to women with early stage breast cancer exposed to chemotherapy +/- trastuzumab, the widespread adoption of targeted therapies in oncology has subsequently led to the referral of a much broader patient population. Between October 2008 and December 2010, 190 patients were referred to this dedicated cardiac oncology clinic, the majority (n=128) of whom were breast cancer patients.

The Cardiac Oncology Research Fellowship is designed to provide the opportunity for trainees to increase their knowledge and expertise in the detection and treatment of cardiac complications related to systemic therapy (including chemotherapy and targeted agents).

Clinical Component:

- Two half day medical oncology clinics per week (1 day/week)
- Two half day cardiac oncology clinics per month (1 day/month)

Research Component:

- 2 days per week - educational research
- 2 days per week - cardiac biomarker research

Program Objectives

1. Development of an educational pathway to increase health care providers' awareness and understanding of the cardiac complications of cancer therapies.
2. Development of at least 3 quality indicators for the assessment of the Cardiac-Oncology Clinic.
3. Design and implement a pilot study to assess novel cardiac biomarkers to detect early cardiotoxicity in cancer patients exposed to cardiac toxic agents.

Feedback and outcomes measures

- The fellow will meet with supervisors regularly (every 2 weeks) to ensure that satisfactory progress is being made
- Proof of academic contributions related to projects
- 2 papers submitted for publication
- 1 grant application submitted
- Integration with research team as demonstrated by presentation at rounds and feedback from research staff and students

Supervisors

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