



## DEPARTMENT OF MEDICINE

### Division of Adult Hematology

Welcome to the Division of Hematology at The University of Western Ontario, London, Ontario.

The Division of Hematology of the Department of Medicine of The University of Western Ontario is an academic division engaged in clinical and laboratory hematology service, research and teaching at the teaching hospitals in London, Ontario, as well as several regional programs. It is made up of seven active faculty members, along with associate members in the Departments of Pediatrics and Pathology. We have a highly rated, fully accredited Royal College Training Programme in Hematology.

The Chair/Chief is **Dr. Ian Chin-Yee** and the Director of the Postgraduate Training Program is **Dr. Joy Mangel**.

**Contact us at:**

Hematology Division  
London Health Sciences Centre  
800 Commissioners Road East  
Room 2760, Level 2/ Tower 2  
London, Ontario N6A 4G5  
Administration Office: (519) 685-8479  
Clinical Office: (519) 685-8475  
Divisional Fax: (519) 685-8477





The University  
of  
Western Ontario



### **A MESSAGE FROM DR. IAN CHIN-YEE, CHIEF/ CHAIR**

Welcome to the Division of Hematology at The University of Western Ontario. Our goal is to provide the highest possible level of quality in the clinical care of patients with hematologic disorders, in an environment that fosters learning and scientific inquiry.

Activities of the Division include state-of-the art patient care, innovative laboratory research, clinical trials and a basic research program related to these diseases and the training of future health care professionals in an academic/clinical setting.

Our Division has expertise in the diagnosis, management and treatment of hematologic malignancies and non-malignant hematologic conditions in adults.

There is an active hematopoietic stem cell transplantation program, including both allograft and autologous transplant capabilities.

Clinical disorders of particular interest include:

- \* Hematologic malignancies (i.e. leukemia, lymphoma, multiple myeloma, myeloproliferative/ myelodysplastic disorders).
- \* Thrombosis and hemostasis.
- \* Hemophilia.
- \* Laboratory Hematology – morphology, blood transfusion, flow cytometry, coagulation laboratories.

Clinical collaboration with Laboratory Medicine and Hematopathology complement the clinical service and ensure a multidisciplinary approach to diagnosis.



## **MEDICAL PERSONNEL**

### **Members of the Division of Hematology, UWO**

- \* Dr. Robert M. Barr
- \* Dr. Ian H. Chin-Yee
- \* Dr. Kang Howson-Jan
- \* Dr. Michael J. Kovacs
- \* Dr. Reinhard C. Lohmann
- \* Dr. Joy E. Mangel
- \* Dr. Anargyros Xenocostas

### **Associate Members**

#### **Hematopathology**

- Dr. K. Rizkalla

#### **Pediatric Hematology**

- Dr. A. E. Cairney
- Dr. L. Jardine
- Dr. M. Leaker
- Dr. S. Zelcer

## **Dr. Robert M. Barr**

Phone: (519) 685-8500, Extension #52216  
Fax: (519) 685-8477  
E-mail: robertm.barr@lhsc.on.ca

Dr. Barr is the Medical Director of the Transfusion Laboratories in the London Hospitals. His clinical interests are in general hematology and blood transfusion. He participates in multi-centre clinical trials in hematological malignancies at the London Regional Cancer Centre. He is the current Medical Director of the London Centre of the Canadian Blood Services. He also has an interest in education, being a former Assistant Dean for Postgraduate Education.

## **Dr. Ian H. Chin-Yee**

Phone: (519) 685-8500, Extension #52391  
Fax: (519) 685-8477  
E-mail: ian.chinyee@lhsc.on.ca

Dr. Chin-Yee is the Chief/Chair, Division of Hematology, a clinical hematologist at the London Health Sciences Centre, the Discipline Leader, Hematology in the Laboratory Program at the London Health Sciences Centre and consultant in Hematology/Oncology at the London Regional Cancer Centre, as well as Associate Professor of Medicine at The University of Western Ontario. He is Associate Medical Director of the Canadian Blood Services (London Centre). He has a research interest in stem cell biology and Transfusion Medicine. He is a scientist at the Lawson Health Research Institute and collaborates in stem cell research with Robarts Research Institute. He participates in multi-centre clinical trials in hematological malignancies at the London Regional Cancer Centre. He is also a Royal College Examiner in Hematology.

---

## **Dr. Kang Howson-Jan**

Phone: (519) 685-8500, Extension #52216  
Fax: (519) 685-8477  
E-mail: kang.howsonjan@lhsc.on.ca

Dr. Howson-Jan is a clinical hematologist and Director of the Allogeneic Bone Marrow Transplant Program at the London Health Sciences Centre and London Regional Cancer Centre. He has clinical and research interests in bone marrow transplantation and stem cell biology. He participates in multi-centre clinical trials in hematological malignancies at the London Regional Cancer Centre.

---

## **Dr. Michael J. Kovacs**

Phone: (519) 685-8500, Extension #52254  
Fax: (519) 685-8477  
E-mail: michael.kovacs@lhsc.on.ca

Dr. Kovacs is a clinical hematologist at the London Health Sciences Centre and the London Regional Cancer Centre, Associate Professor of Medicine, UWO and Scientist at the Lawson Health Research Institute. He has clinical research interests in the diagnosis and treatment of venous thrombosis. This research is supported by grant support from CIHR and HSF, amongst others. He participates in multi-centre clinical trials in hematological malignancies at the London Regional Cancer Centre.

---

## **Dr. Reinhard C. Lohmann**

Phone: (519)685-8479  
Fax: (519)685-8477  
E-mail: rc.lohmann@lhsc.on.ca

Dr. Lohmann is a clinical hematologist and medical oncologist at the London Health Sciences Centre and the London Regional Cancer Centre. He has special interests in clinical trials in hemato-oncology and melanoma. He is also Co-director (with Dr. L. Jardine) of the Southwestern Ontario Regional Hemophilia Program. He has a clinical interest in the management of hemophilia. He participates in multi-centre clinical trials in hematological malignancies at the London Regional Cancer Centre.

---

## **Dr. Joy E. Mangel**

Phone: (519) 685-8500, Extension #52391  
Fax: (519) 685-8477  
E-mail: joy.mangel@lhsc.on.ca

Dr. Mangel is a clinical hematologist at the London Health Sciences Centre, a consultant at the London Regional Cancer Centre and an Assistant Professor of Medicine at The University of Western Ontario. Her main clinical interests are in Hodgkin's and non-Hodgkin's lymphoma, with a research interest in clinical trials for lymphoma. She also has a special interest in bleeding disorders, and is the

Laboratory Section Head for Hemostasis. She is currently Program Director for the UWO Royal College Postgraduate Training Program in Hematology.

---

## **Dr. Anargyros Xenocostas**

Phone: (519) 685-8500, Extension #52391  
Fax: (519) 685-8477  
E-mail: [anargyros.xenocostas@lhsc.on.ca](mailto:anargyros.xenocostas@lhsc.on.ca)

Dr. Xenocostas is a clinical hematologist at the London Health Sciences Centre and consultant at the London Regional Cancer Centre. He participates in multi-centre clinical trials in hematological malignancies at the London Regional Cancer Centre. He has clinical and research interests in bone marrow transplantation, strategies for blood conservation and neuroprotection during hemopoietic stem cell transplantation and the potential use of recombinant human erythropoietin (rhEPO) as a “survival factor.” Clinical and pre-clinical models to assess the effect of rhEPO in neuroprotection, cardioprotection and ischemic renal injury are being developed.



# HEMATOLOGY RESIDENCY PROGRAM THE UNIVERSITY OF WESTERN ONTARIO

## Introduction

The Hematology Residency Training program at The University of Western Ontario is a two-year program leading to certification of **Special Competence in Hematology**. The program will provide the trainee with a broad-based exposure to adult and pediatric hematology with an emphasis on clinical, diagnostic, and laboratory skills. Our goal is to provide the highest level of quality training in clinical/ laboratory hematology and basic research in order to prepare trainees for subspecialty careers in Hematology.

The training program fulfills the requirements of the Royal College of Physicians and Surgeons of Canada. Trainees are accepted after completion of their three-year residency in Internal Medicine. Core rotations cover all the clinical and laboratory aspects of Hematology. Elective rotations are assigned in order to meet the specific personal goals of each trainee.

The specific program objectives are based upon the Royal College of Physicians and Surgeons of Canada guidelines and are designed to provide a solid foundation in clinical and laboratory hematology.

Link to: [RCPSC Objectives of Training and Training Requirements in Hematology](http://rcpsc.medical.org/english/residency/certification/training/hemat_e.html) (http://rcpsc.medical.org/english/residency/certification/training/hemat\_e.html)

The program was reviewed by the Royal College of Physicians and Surgeons of Canada in November 2000 and received full accreditation and received a high rating for education services. A satisfactory internal review was also completed in May 2002.

## Administrative Structure of Program

1. Program Director: Dr. Joy E. Mangel  
London Health Sciences Centre  
800 Commissioners Rd. E.  
London, ON N6A 4G5
  
2. Residency Training Committee:
  - (a) Membership: Dr. J. E. Mangel  
Dr. I. H. Chin-Yee  
Resident Representative(s):
  
  - (b) Meetings: Quarterly

The Residency Training Committee consists of the Program Director (JE Mangel, the Division Chair (Dr. IH Chin-Yee) and the trainees. In addition, rotation-specific co-ordinators attend if the resident is on a specific subspecialty. The Committee meets with the trainees at the beginning of their hematology training and then every three months after each rotation. Feedback is obtained as to whether rotation-specific objectives are met, educational and service demands, as well as feedback regarding individual teachers. Residents are also evaluated by the Committee and the subspecialty co-ordinator.

### **FACILITIES**

- \* London Health Sciences Centre – Victoria Campus (Westminster and South Street Sites) and University Campus
  
- \* St. Joseph's Health Care
  
- \* London Regional Cancer Centre
  
- \* Children's Hospital of Western Ontario

## **ROTATIONS**

Clinical training will take place at London Health Sciences Centre and the London Regional Cancer Centre and will include the care of hospitalized hematology and oncology patients, hematology consultations to other services and outpatient clinical services.

The program also offers a number of rotations in other related disciplines:

- \* Transfusion Medicine and Blood Transfusion Laboratory
- \* Special Hematology/ Coagulation and Flow Cytometry
- \* Pediatric Hematology
- \* Peripheral Blood Stem Cell and Bone Marrow Transplantation

## **EVALUATION**

On each rotation, the resident and supervisor meet to discuss the rotation's objectives and to define the goals for the rotation.

In preparation for the Royal College of Physicians and Surgeons Examination, practice oral and written examinations are held annually.

Each resident meets with the Program Director semi-annually to review progress and any other issues. Confidential evaluations of the faculty are compiled by the residents and forwarded to the Program Director.

Previous trainees have had high success rate at Royal College examinations.

## **RESEARCH**

Residents are encouraged to participate in research projects and present their projects at scientific meetings (i.e. ASH).

## **SCIENTIFIC CONFERENCES**

Funding, subject to availability, is provided to residents to attend the Annual Meeting of the American Society of Hematology.

## **EDUCATIONAL ACTIVITIES**

- \* Hematology Grand Rounds (each Monday)
- \* Hematology Journal Club (Monthly)
- \* Department of Medicine Grand Rounds (each Friday)
- \* Lymphoma Rounds (each Thursday)
- \* Oncology Grand Rounds (weekly)
- \* Resident Research Days (annually)
- \* Hematology Seminars (Mondays)

There is a weekly inpatient clinical conference where more difficult diagnostic and therapeutic problems are discussed with medical and nurse specialists. Participation and attendance at seminars, rounds, guest speakers, research seminars are important learning experiences.

## **SOCIAL ACTIVITIES**

- \* Big Bike for Stroke - - “Blood, Sweat and Gears”  
(2000 - 2004 – Spirit Award Champions)

## **APPLICATION PROCESS**

Residents applying to the Hematology Subspecialty Program take part in the CARMS match. The UWO Department of Medicine has a pre-defined process. The applicant must:

- \* Complete an application form.  
For an application form:  
Link:([http://www.fmd.uwo.ca/Postgrad-Medicine/forms/Application\\_for\\_PG\\_Med\\_%20training.pdf](http://www.fmd.uwo.ca/Postgrad-Medicine/forms/Application_for_PG_Med_%20training.pdf))
- \* Submit three letters of recommendation.
- \* Submit current curriculum vitae.

- \* Submit copy of medical school diploma.
- \* Submit copy of transcripts.
- \* Submit a personal statement.

Selected applicants will be invited to visit London to interview at The University of Western Ontario, to meet with faculty members and Fellows and have a tour of the facilities.

### **Pre-Requisite Training**

Graduates of Canadian medical schools following satisfactory completion of PGY-3 in Internal Medicine. Graduates of international medical schools, MCCEE-accredited, competent in English and who have satisfactorily completed three years of Internal Medicine training at a Canadian medical school are also eligible.

### **Selection Process**

Hematology applicants compete for a maximum of two competitive positions per year available in the Department of Medicine

A ranking system is used for applicants to all the Internal Medicine subspecialties, and offers are then made to trainees by a Selection Committee based on their competitive rank.

For further information regarding the UWO Hematology Training Program, please contact Dr. Joy Mangel, Program Director, at [joy.mangel@lhsc.on.ca](mailto:joy.mangel@lhsc.on.ca) or by calling (519) 685-8479.



