Annual Report
Division of Internal Medicine, Department of Medicine
Sir Mortimer B. Davis – Jewish General Hospital
April 2006-May 31 2007

I  Highlights

The past year has again presented challenges to the JGH Division of Internal Medicine. Our Internists continue to provide most of the hospital's functions caring for more than 100 inpatients on a daily basis outside the Clinical Teaching Units. The division is responsible for more than 10 daily medical consults in the Emergency Room and provides the gate keeping role for all admissions to medical beds. Each morning the division addresses the needs of nearly 20 patients in the Emergency Room that require medical reassessments and likely admission to the hospital. In addition to serving the vital functions of the hospital, the division has a tremendous responsibility to teaching students and residents both in the inpatient and outpatient setting.

In spite of the many obligations, our division is one of the most accomplished in research with four of our members devoting more than 50% of their time in highly productive research activities.

Over the years we have developed expertise in many domains and organized specialty clinics to deliver this expertise to the community. Examples of these domains include Thrombo-embolic disease, which led to the establishment of multi-speciality Thrombosis Clinic under the leadership of Dr. Susan Kahn. This year, the activity was extended to an inpatient Thrombosis consultation service. The Hypertension Clinic developed by Dr. Trudeau has been expanded in the new Nun’s Pavilion to a more comprehensive Cardiovascular Prevention Unit under the direction of Dr. Schiffrin. Dr. Hoffer continues to offer expertise in Nutrition to both outpatients and inpatients. Dr. Chang provides expertise in palliative care as the Director of the Palliative Care Unit and Dr. Janice Cohen provides primary care to patients with neurological diseases, particularly stroke patients.

The division members also carry major roles in administrative functions. Dr Schiffrin, world-renowned internist, acts as our Chief of Medicine. Dr. Raffoul is the Director of 7west CTU, the Medical Short Stay Unit and the Medical Gatekeeper. Dr. Elizov is the site Program Director for core Internal medicine residents and Dr. Tagalakis is the McGill Program Director for Internal Medicine fellowship training program. Dr. Kahn is Director of the Thrombosis Clinic and one of the Associate Directors of the Lady Davis Institute. Dr. Becker is the Chief of the Division as well as Medical Director at Mount Sinai and Chief of Medicine at the Jewish Rehabilitation Hospital.

It is with a great deal of pride that I present the many functions and accomplishments of our division members.

The students and residents see our division members as exemplary role models. It is not surprising that the “Teacher of the Year” award was given, by popular vote, to Dr. Ruxandra Bunea. Many of our Internists have been recipients of this award in past years. Dr. Tagalakis was given a Clinical research award by the Department of Medicine. Our 4 outstanding researchers, Drs Schiffrin, Kahn, Tagalakis and Hoffer have all been recipients of numerous peer-reviewed grants, publications and awards for their strong scientific contributions.
In summary, the Division of Internal medicine, provides exemplary service in the 4 domains which include research, teaching, clinical service and administration.

II Evaluation of Past Academic Year

1) Teaching Activities

IIM (Link), 7 weeks/year: Dr. V. Tagalakis

CTU Ward Attending, 1 month/year: Drs. R. Becker, R. Bunea, M. Elizov, J. Hoffer, S. Kahn, J. Raffoul, E. Schiffrin, L. Trudeau, V. Tagalakis

AIMC for residents and students: Preceptor for residents in Internal Medicine Clinic (4 clinics/week, 4-5 residents/students per clinic): Drs. R. Becker, J. Raffoul, L. Trudeau, M. Elizov, Dr. R. Bunea, Dr. J. Hoffer, Dr. V. Tagalakis

Consult Service: Resident supervision: Drs. R. Becker, R. Bunea, M. Elizov, J. Hoffer, S. Kahn, J. Raffoul, V. Tagalakis, L. Trudeau

ER/MSTU: Resident supervision: Drs. R. Bunea, J. Hoffer, S. Kahn, J. Raffoul, V. Tagalakis, L. Trudeau, M. Elizov,

Core Lectures: Core Lecturer in Internal Medicine, Internal Medicine Residency Program (10 hours/year): Drs. R. Becker, M. Elizov J. Hoffer, S. Kahn, J. Raffoul, and L. Trudeau, V. Tagalakis


2) Research Activities

Hoffer, L. John

McGill

Vitamin C deficiency in a university teaching hospital. McGill University Department of Endocrinology Annual Retreat, April 24, 2007

Outside McGill

Montreal, QC: Cancer Treatment by Intravenous Vitamin C. 5th Meeting of the Canadian Oxidative Stress Consortium, May 3, 2007

Protein energy malnutrition and the ICU. School of Dietetics and Human Nutrition Graduate Course 602: Nutritional Status Assessment, January 26, 2007

Vitamins against Cancer: Metabolic Mechanisms. Medical Grand Rounds, McGill University Health Care Centre, Montreal, September 5, 2006
Vitamin C and Cancer. Medical Grand Rounds, St. Mary’s Hospital Center, Montreal, October 26, 2006

National


International

Sidney, Australia, Vitamin Therapy for Schizophrenia, 6th International Conference of Neuropsychiatry, September 10-14, 2006


Kahn, Susan R

McGill

When to do a work up for thrombophilia in family practice. Herzl Family Practice Rounds, Jewish General Hospital. Feb 28, 2007


Developing and promoting excellence in clinical and epidemiological research in a Department of Medicine. Jewish General Hospital, Department of Medicine Retreat. June 9, 2006.


The SOX trial and Bio-SOX studies: A research program aimed at improving outcomes after venous thrombosis. Department of Clinical Epidemiology and Community Studies, St. Mary's Hospital Center May 11, 2006.


Outside McGill

National


International


Research Grants:

CIHR Randomized Clinical Trials Program

CIHR The effect of sex on the epidemiology of venous thromboembolic disease Tagalakis V, Kahn SR (Co-Principal Investigator), Boivin JF, Moride Y, Opatrny L (co-applicants): $150,000

CIHR Randomized Controlled Trials Program

Schiffrin, Ernesto L

McGill

Rigid pipes or living vessels: the new natural history of hypertension. Medical Grand Rounds, Department of Medicine, McGill University Hospital Center (MUHC), April 18, 2006.

Editing a major international scientific journal, challenges and pitfalls. How to write a good paper. Invited speaker, Research Day, Department of Geriatrics, McGill University, April 28, 2006.
Tubes rigides ou vaisseaux vivants: nouvelle histoire naturelle de l’hypertension artérielle. Grand Rounds, Department of Medicine, Centre hospitalier de l’Université de Montréal (CHUM), May 1st, 2006.

Outside McGill

National


International


Inflammation and hypertension. Invited Keynote Speaker, Inaugural Symposium “From Genes to Disease” of the British Heart Foundation Cardiovascular Research Centre of the University of Glasgow, Glasgow, UK, June 27, 2006.

Vascular Damage in Diabetes. Invited speaker, at the Meeting on Roadmap for the Prevention and Management of Cardiovascular Disease in the New Millenium”, of the Consortium for Southeastern Hypertension Control (COSEHC), Litchfield by the Sea, Pawley’s Island, SC, USA, September 15, 2006.


Vascular remodeling in hypertension: therapeutic implications. Nefrologische Forum, Faculty of Medicine, Ludwig Maximilians University, Munich, Germany, November 27, 2006.


Hypertension and inflammation. Invited speaker at the European Respiratory Society Research Seminar on Complexity in Patients with Multiple Chronic Diseases, February 10-11, 2007.


Other Contributions:

Canada Research Chair and Director, Hypertension and Vascular Research Unit, Lady Davis Institute for Medical Research. 2006

Research Grants:

Canada Foundation for Innovation: Canada Research Chair in Vascular and Hypertension Research (2006-2013): $1,400,000

Vascular phenotype infrastructure: Molecular and cellular mechanisms of vascular remodeling in hypertension and metabolic syndrome (2006): $645,000

CIHR 13570 Vascular remodeling in hypertension (2001-2006): $610,000

CIHR 37917 Role of endothelin in hypertension and vascular injury (2005-2010): $730,000

Trudeau, Luc

McGill

A New Look at the ASCOT Trial. General Internal Medicine Division Rounds, Jewish General Hospital. October 27, 2006
Management of Office-Based Hypertension. Herzl Family Practice Centre Core Rounds. August 30, 2006

Office Management of Hypertension. Internal Medicine Core Rounds. August 1, 2006

Basic Hypertension. Clinical Teaching Unit (7 West). March 16, 2007

In-Hospital Hypertension Management. Clinical Teaching Unit (7 West). March 19, 2007


Outside McGill

National


Traitement des dyslipidémies chez les patients à haut risque. Clinique médicale d’Oka. June 6, 2006

La prévention primaire et secondaire des AVC. Clinique de Terrebonne. June 2, 2006

Preuves pour la réduction de la mortalité cardiovasculaire: la perspective d’une approche clinique. Tele-conference throughout Quebec. September 28, 2006

Traitement des dyslipidémies. Clinique PhysiMed (Montreal, Quebec). September 12, 2006

ABPM-Blood Pressure Monitoring. Brunswick Fontenac Medical Clinic (Pointe-Claire, Quebec). September 13, 2006

ARB’s and Hypertension. Nazareth Clinic (Lasalle, Quebec). September 14, 2006

Meet the Specialist-COXIBS. Lachine Medical Clinic. October 26, 2006

Hypertension systolique isolée et accidents cérébraux vasculaires. Mercier Medical Clinic. November 23, 2006

Nouvelles indications pour réduire le risque de décès cardiovasculaires et d’infarctus. Verdun Clinic. November 9, 2006


Vascular Protection: Difficult to Treat Hypertensives. Saint John Regional Hospital Medical Rounds. November 2006

Protection vasculaire chez les hypertendus difficiles à traiter. Georges-L. Dumont Hospital Medical Rounds (Moncton). November 2006
SYST-EUR and MOSES Trials. Brunswick Frontenac Medical Clinic (Pointe-Claire, Quebec). November 15, 2006

Hypertension systolique isolée et AVC. Clinique médicale Guy (Montreal, Qc). November 22, 2006

Lipid Lowering in CHD Patients: The Evidence for lower Targets. Medistat Clinic (Pierrefonds, Quebec). August 21, 2006


ONTARGET Study ; An Internal Medicine Specialist’s Perspective. National BMS-Sanofi Advisory Board (Montreal, Quebec). February 23, 2007


Mesure ambulatoire de la tension artérielle. Vaudreuil-Dorion Medical Clinic. March 21, 2007

Les IECA ne sont pas tous les mêmes. Hickson Medical Clinic (Verdun, Qc). April 2, 2007

Collaborative Management Strategies for Cardiovascular and Psychiatric Co-Morbidities. Workshop, St. Sauveur, Quebec. March 24, 2007

Troubles cardiovasculaires; quoi de neuf? Quebec Association of Vietnamese Pharmacists (Montreal, Quebec). April 22, 2007

Tout sur le MAPA. Saint-Laurent Medical Clinic. April 27, 2007

La prévention cardiovasculaire. Mercier Medical Clinic. May 17, 2007

Tagalakis, Vicky

McGill

Determining incidence and predictor of DVT in lung cancer patients. Centre for Epidemiology and Community Studies. Jewish General Hospital. McGill University, Montreal, Qc, Canada 2006.


Thromboembolic disease in pregnancy. Resident academic half day. Jewish General Hospital, McGill University, Montréal, Canada, 2006.

Thrombosis and cancer. Internal Medicine Resident Core Teaching, Jewish General Hospital, McGill University, Montréal, Canada, 2006.
Perioperative assessment of the patient undergoing non-cardiac surgery. 57th Annual Refresher Course for Family Physicians. McGill University, Montréal, Canada, 2006

The effect of warfarin on the risk of urogenital cancer. Clinical Epidemiology Research Rounds. Centre for Epidemiology and Community Studies, Jewish General Hospital, McGill University, Montréal, Canada, 2006.


Thrombosis-related complications in cancer patients. Internal Medicine Division Rounds, Jewish General Hospital, McGill University, Montréal, Canada, 2007.

Thrombophilia testing. Family Medicine Lecture Series, Jewish General Hospital, McGill University, Montréal, Canada, 2007.

Outside McGill
National


Tamim H, Tagalakis V. Measurement methods. Oral presentations at: 23rd International Conference on Pharmacoepidemiology & Therapeutic Risk Management; 2007 August 19-22; Quebec City, Canada

3) Clinical Activities

**Internal Medicine Out-Patient Clinic:**
5 1/2 day clinics per week
Drs. R. Becker, R. Bunea, M. Elizov, J. Raffoul, L. Trudeau, V. Tagalakis, Dr. J. Hoffer

**Cardiovascular Prevention Center**
1-2 clinics per week
Dr. E. Schiffrin, Dr. L. Trudeau

**Resident’s Hypertension Clinic:**
1 clinic per week
Drs. L. Trudeau

**Thrombosis Clinic:**
2 day clinic per week
Drs. S. Kahn, V. Tagalakis

**MSTU/ER Inpatient Consultations:**
Drs. R. Becker, R. Bunea, M. Elizov, J. Hoffer, S. Kahn, J. Raffoul, V. Tagalakis, L. Trudeau

**Nutritional Support Team Consultation:** Dr. John Hoffer

**2 Main, 4 Main, 4NW Intermediate and Palliative Care:**
Dr. Harvey Chang, Dr. Janice Cohen & Dr. Ruxandra Bunea

**Internal Medicine Consults for Jewish Rehabilitation Hospital:**
Dr. Rubin Becker and Dr. Joe Raffoul

**Link with Mount Sinai Hospital Palliative Care:**
Dr. Rubin Becker

4) **Academic Staff**

There were no new recruits in 2006-2007.

5) **Consulting Activities:** None reported

6) **Honors & Awards**

Dr. Ernesto Schiffrin: Induction into the Royal Society of Canada, November 2006.


Dr. Ruxandra Bunea: “Teacher of the Year” 2007

7) **Publications**

**Hoffer, L. John**


--**Hoffer L.J.** Tube feeding in advanced dementia: the metabolic perspective. *BMJ* 333:1214-1215, 2006

**Other Publications:**


**Kahn, Susan R**


Other Publications:


Manuscripts Submitted


Schiffrin, Ernesto L.


Molecular Mechanisms in Hypertension, Eds. RN Re, DJ DiPette, EL Schiffrin, JR Sowers. Taylor & Francis Medical Books, 2006

**Tagalakis, Vicky**


Other Publications:


Manuscripts Submitted:


Trudeau, Luc
III OBJECTIVES AND PRIORITIES

The Division of Internal Medicine will continue to provide exemplary service in research, teaching, clinical service and administration to the hospital and the university.

Respectfully submitted,

Rubin Becker, MD, FRCPC
Chief, Division of Internal Medicine