

Program

**UNIVERSITY OF TORONTO
HEART & STROKE/RICHARD LEWAR CENTRE OF EXCELLENCE**

CARDIOVASCULAR SCIENTIFIC DAY "2000"

Featuring:

GENETIC INHERITANCE: HOW TO WIN WHEN THE GENES ARE AGAINST YOU!

THURSDAY, May 18, 2000
0900 - 1655 Hours

INN ON THE PARK - Centennial Ballroom
Leslie and Eglinton E., Toronto, Ontario

GENERAL INFORMATION

OBJECTIVES

The Annual Cardiovascular Scientific Day has been organized to bring together faculty from the Heart & Stroke/Richard Lewar Centre of Excellence and across the University of Toronto. The aim is to provide an update in the frontiers of cardiovascular sciences. Each symposium focuses on either clinical or basic science research; it is hoped that discussion will promote cross-fertilization of ideas and research direction. 6.5 CME credits will be issued upon request.

REGISTRATION

In lieu of a registration fee, donations are being requested to promote cardiovascular education. Tax receipts will be issued upon request. Please bring donation to registration desk. Cheques should be made payable to the "University of Toronto".

ISADORE EDWARD SMITH LECTURESHIP

Isadore Edward Smith was born in Toronto and attended Upper Canada College and U.T.S. He was President and C.E.O. of Samuel Smith & Son Limited. He was a warm, caring and exceptionally public spirited individual who contributed generously to many community, service and charitable organizations. This Annual Lectureship honours his memory.

POSTER SESSION

Students and faculty are invited to participate. Abstracts should be typed on 8 ½ x 11 paper with 1" margins. A maximum of one abstract per primary author allowed. Supervisor's name must be underlined. Poster dimensions: 4 ft. high x 6 ft. long. Prizes

will be awarded. Poster space is limited. Please submit abstracts via e-mail to cv.program@utoronto.ca in a Windows '95 Word document '97 format or hard copy can be faxed or mailed to the Cardiovascular Sciences Collaborative Program.

LUNCHEON

Opportunity for informal discussion between the faculty and student body during the hot and cold buffet lunch. Take advantage of this complimentary luncheon as an opportunity to get away from the hectic pace of either your practice or research laboratories. Registration limited.

PROGRAM

0730-0900 Registration, continental breakfast and poster set-up

0800-0900 Heart & Stroke/Richard Lewar Centre of Excellence Strategic Planning Session

(members only)

0900 Welcome: Dr. P. Liu & Dr. C. Wittnich

0910 Remarks from the Vice-Dean of Research, Faculty of Medicine: Dr. C. Yip

CENTRAL SYMPOSIUM Chair: Dr. P. Liu

THE FUTURE OF CARDIOVASCULAR RESEARCH

0920-0935 Mr. R. Gallop - The Heart & Stroke Foundation of Ontario and Future of Cardiovascular Research

0935-0955 Dr. D. Foot - Changing Demographics and Cardiovascular Disease: The Boomer Era

0955-1025 Dr. S. Scherer - Impact of Human Genome Project on Biomedical Research

Refreshment Break and Poster Viewing (1030-1045)

SIMULTANEOUS SESSIONS (1045-1205)

(i) Update on Women & Heart Disease & Stroke

Chair: Dr. C. Wittnich

Dr. C. Rodgers - *Sex Steroid Hormones & Insulin Resistance: Implications for Cardiovascular Disease?*

Dr. J. Goodman - *Estrogen Replacement Therapy and Cardiovascular Function During Exercise: Acute and Chronic Effects*

Dr. C. Wittnich - *The X-Chromosome Factor or Gender and Cardiac Hypertrophy - Is Bigger Better?*

Dr. B. Abramson - *Use of Hormone Replacement Therapy as Primary Prevention of Heart Disease and Stroke - Is it different than Secondary Prevention?*

(ii) New Tools for Cardiovascular Research and Investigation

Chair: Dr. R. Weisel

Dr. Reed E. Pyeritz - *Heart & Stroke/Richard Lewar Centre of Excellence Guest Speaker*

- *Genetic Approach to the Young Person with Coronary Disease*
Dr. M. Cybulsky - *Mouse Models for Study of Human Vascular Disease*
Dr. P. Liu - *Mouse Models for Study of Human Cardiac Disease*

LUNCH (1205-1330)

"Hyde Park" Novel Concept Sessions (1300-1330) Chair: Dr. A. Gotlieb
A unique forum of novel ideas and concepts for cardiovascular research.

POSTER PRESENTATIONS (1330-1430) Chair: Dr. M. Plyley

Selected posters will be featured with oral presentations.

SIMULTANEOUS SESSIONS (1430-1550)

(i) Molecular Insights from Animal Models of Human Disease

Chair: Dr. L. Adamson

Dr. M. Bendeck - *Smooth Muscle Cell Activation After Arterial Injury - Lessons Learned from the DDR Knockout Mouse*

Dr. M. Rabinovitch - *Elafin & Chymase Models Using Transgenics to Study Matrix Binding*

Dr. M. Husain - *Models of NOS Manipulation in Disease*

Dr. M. Henkelman - *Mouse Imaging for the Assessment of Cardiac Function in Transgenic Mice*

(ii) Future of Genetics in Diagnosis and Therapy

Chair: Dr. D. Stewart

Dr. M. Sole - *The Molecular Genetics of Hypertrophic Cardiomyopathy*

Dr. K. Siminovitch - *SNP Analysis for Large Scale Screening*

Dr. D. Stewart - *Gene Therapy for Cardiovascular Disease Panel Discussion What the Future Holds!*

ANNUAL ISADORE E. SMITH LECTURE (1600-1645)

Dr. Jacques Genest, Jr. *The ABC's of HDL Cholesterol*

1645-1655 Awards Presentations and Closing Ceremonies

1655- Wine and Cheese Reception

ISADORE EDWARD SMITH LECTURER

Dr. Jacques Genest, Jr

Associate Professor, Dept. of Medicine

Director, Division of Cardiology

McGill University Health Centre
Montreal, Quebec

**HEART & STROKE/RICHARD LEWAR CENTRE OF EXCELLENCE GUEST
SPEAKER**

Reed E. Pyeritz, MD, PhD
Professor of Human Genetics, Medicine & Pediatrics
Chair, Department of Human Genetics
MCP HAHNEMANN University
Director, Center for Medical Genetics
Allegheny General Hospital
Pittsburg, PA

PROGRAM FACULTY

Dr. Peter Liu, Prof, Med
Dr. Carin Wittnich, Assoc Prof, Surg & Physiol
Dr. Cecil Yip, Prof, Med
Mr. Rick Gallop, President & CEO, HSFO
Dr. David Foot, Prof, Economics
Dr. Steve Scherer, Scient & Assoc Dir, Ctr Appl Genomics, HSC
Dr. Carol Rodgers, Assoc Prof, Physiol, & Fac Physi Ed Health
Dr. Jack Goodman, Assoc Prof, Fac Physi Ed Health
Dr. Beth Abramson, Asst Prof, Med
Dr. Myron Cybulsky, Prof, Lab Med & Pathobiol
Dr. Avrum Gotlieb, Prof, Lab Med & Pathobiol
Dr. Michael Pyley, Assoc Prof, Fac Physi Ed Health
Dr. Lee Adamson, Prof, Obs & Gyn & Physiol
Dr. Michelle Bendeck, Asst Prof, Lab Med & Pathobiol
Dr. Marlene Rabinovitch, Prof, Lab Med & Pathobiol
Dr. Mansoor Husain, Asst Prof, Lab Med & Pathobiol
Dr. Mark Henkelman, Dir, Mouse Imaging Ctr, HSC
Dr. Michael Sole, Prof, Med & Physiol
Dr. Katherine Siminovitch, Prof, Med

MAJOR SPONSORS

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ACKNOWLEDGEMENTS

We gratefully acknowledge the generous financial support of our sponsors. Our Scientific Day would not have been possible without their assistance. We would also like to recognize the efforts of the Planning Committee.