

## Program

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- 7:30 Registration and Continental Breakfast
- 8:20 Introduction  
Dr. David Chitayat
- 8:25 Welcome  
Dr. Alan Bocking
- 8:30 **The Perinatal Impact of MZ Twinning**  
Dr. Isaac Blickstein
- 9:15 **The Genetics of Twin Pregnancy**  
Dr. David Chitayat
- 9:45 **Prenatal Diagnosis in Multifetal Pregnancies**  
Dr. Isaac Blickstein
- 10:30 Refreshment Break
- 10:45 **The Term Twin**  
Dr. Jon Barrett
- 11:15 **Management of Monochorionic Twin Complications**  
Dr. Greg Ryan
- Quick Hits**
- 11:45 **Prenatal Screening for Down Syndrome and Neural Tube Defects in Twin Pregnancies**  
Dr. Nan Okun
- 12:00 **Update on Selective Reduction**  
Dr. Howard Berger
- 12:15 **Rate of Congenital Abnormalities Associated With IVF/ICSI Pregnancies**  
Hana Sroka
- 12:30 Lunch on your Own
- 2:00 **The Genetics of Developmental Malformations of the Eye: PAX6, SOX2 and OTX2**  
Dr. Veronica van Heyningen

- 2:45 **Bardet-Biedel Syndrome**  
Dr. Elise Heon
- 3:15 Refreshment Break
- 3:30 **Human Retinal Degeneration: Common Diseases, Complex Genetics**  
Dr. Roderick McInnes
- 4:15 **Long Range Control of Gene Expression: Mechanisms and Relevance to Genetic Disease**  
Dr. Veronica van Heyningen
- 5:00 Evaluation and Adjournment

*Lectures will include 10-15 for Q & A*

## Guest Faculty

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**Isaac Blickstein, MD**  
Associate Professor  
High Risk Pregnancy Outpatient Clinic and Delivery Suites  
The Hadassah-Hebrew University School of Medicine  
Kaplan Medical Centre, Rehovot, Israel

**Veronica van Heyningen, Dphil, FRSE, FMedSci**  
Professor  
University of Edinburgh  
NRC Human Genetic Unit  
Western General Hospital  
Edinburgh, UK

## Faculty – University of Toronto

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**Jon Barrett, MD, FRCSC**  
Associate Professor, Obstetrics and Gynaecology  
Head, Maternal Fetal Medicine  
Sunnybrook & Women's College Hospital

**Alan Bocking, MD, FRCSC**  
Chair, Genesis Research Foundation  
Professor and Chair  
Department of Obstetrics and Gynaecology  
Obstetrician and Gynaecologist-in-Chief  
Mount Sinai Hospital and University Health Network

### Howard Berger, MD

Clinical Research Fellow  
Samuel Lunenfeld Research Institute  
Department of Obstetrics and Gynaecology  
Mount Sinai Hospital

### A. David Chitayat, MD, FACMG, FCCMG, FRCPC

Professor, Department of Paediatrics,  
Medical Genetics & Microbiology, Obstetrics & Gynaecology  
Laboratory Medicine & Pathobiology  
Head, The Prenatal Diagnosis and Medical Genetics  
Program, Mount Sinai Hospital  
Clinical Geneticist, Division of Clinical and Metabolic  
Genetics, The Hospital for Sick Children

### Elise Heon, MD, FRCSC

Professor, Department of Ophthalmology and Vision Sciences  
Ophthalmologist-in-Chief, The Hospital for Sick Children

### Roderick McInnes, MD, PhD, FCCMG, FRCPC

Professor, Department of Molecular and Medical Genetics and  
Paediatrics  
Senior Scientist, Developmental Biology,  
The Hospital for Sick Children  
Science Director, Institute of Genetics  
Canadian Institutes of Health Research

### Nan Okun, MD, FRCSC

Assistant Professor, Department of Obstetrics and  
Gynaecology  
Maternal Fetal Medicine Specialist  
Mount Sinai Hospital

### Greg Ryan, MD, MRCOG, FRCSC

Professor, Department of Obstetrics and Gynaecology,  
Director, Fetal Medicine Unit  
Mount Sinai Hospital

### Hana Sroka, MSc

Instructor, Department of Molecular and Medical Genetics  
Genetic Counsellor  
Mount Sinai Hospital

## Planning Committee

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Jon Barrett  
David Chitayat

Hana Sroka  
David Tannenbaum

Dear Colleagues,

I am pleased to announce the program for our 14<sup>th</sup> Annual Symposium **New Developments in Prenatal Diagnosis and Medical Genetics**.

Mount Sinai Hospital and the University of Toronto are committed to offering excellence in continuing medical education and in pursuit of this goal we have invited internationally renowned faculty to cover diverse topics in their areas of expertise. Our overall objective for the day is to provide useful, up-to-date information for health care professionals on current issues related to fetal assessment and new technologies in prenatal diagnosis and medical genetics.

In the morning we will focus on different issues related to multifetal pregnancies and in the afternoon on new developments in ophthalmogenetics.

We are excited to announce that this year the symposium will be held in the main auditorium at the MaRS Collaboration Centre (on the south/east corner of University and College). So please make a note of Wednesday May 17, 2006 in your calendars.

As always, I look forward to seeing you at the 14<sup>th</sup> Annual Symposium

*Dr. David Chitayat*

## Registration

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_

Workplace Facility: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

Province: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Profession: [ ] Family Doctor [ ] Nurse [ ] Geneticist  
[ ] Genetic Counsellor [ ] Obstetrician [ ] Endocrinologist  
[ ] Radiologist [ ] Sonographer [ ] Lab Professional  
[ ] Other: \_\_\_\_\_

**Payment: Note there is an early registration fee before April 7, 2006 (please see adjacent chart)**

	Residents/ Students/Fellows	H.C.P.	Physicians
Early:	[ ] \$40	[ ] \$75	[ ] \$125
Late:	[ ] \$55	[ ] \$90	[ ] \$140

**If paying by cheque**, please complete this form and make a cheque payable to **OBS/GYN Associates** and mail to: CME – Dept. of Ob/Gyn (Attn: E. Gan)  
Mount Sinai Hospital  
600 University Ave. Room 1255  
Toronto, Ontario M5G 1X5

**If paying by credit card**, please complete credit card information and mail to the above listed address or fax to fax number (416)586-5958 [ ] Visa [ ] MC

Card #: \_\_\_\_\_

Expiry Date: \_\_\_\_\_

Name on Card: \_\_\_\_\_

Signature: \_\_\_\_\_

**If registering on-line**, go to the Mount Sinai website [www.mtsinai.on.ca/seminars/ce](http://www.mtsinai.on.ca/seminars/ce)

## Registration Fees (Cdn\$)

Early Fee – registration received **before** April 5, 2006

	Early Fee	Late Fee
Residents/Students/ Fellows	\$ 40	\$ 55
All Health Care Professionals (excluding physicians)	\$ 75	\$ 90
Physicians	\$125	\$140

- Registration fee includes attendance at all lectures, syllabus, CME credits, continental breakfast, and coffee breaks
- Refunds will not be issued for cancellations received after April 28th. A processing fee of \$35.00 will be retained on all cancellations.

## The MaRS Collaboration Centre, U of T

The MaRS Centre is a beautiful newly renovated historic building located on the south-east corner of University and College. The closest subway station to the MaRS Centre is the "Queens Park" exit. A map with more specific details regarding this location will be sent with the letter confirming your course registration.

## Accreditation

- This event is an accredited group learning activity under Section 1 of the Framework of CPD options for the Maintenance of Certification Program of the *Royal College of Physicians and Surgeons of Canada* and has been assigned 6.5 credits.
- This program meets the accreditation criteria of the *College of Family Physicians of Canada* and has been accredited for 6.5 MAINPRO®-M1 credits.
- For nurses, this course will fulfill the requirement for reflective practice.
- This program has been submitted for accreditation with the *American Board of Genetic Counseling*. Those individuals who wish to apply for CEU 1 credits must bring a cheque for \$35.00 on the day of the event and be prepared to submit a Self Reporting Form which will be supplied by the conference organizers.
- The University of Toronto designates this education activity a maximum of 6.5 category 1 credits toward the *AMA Physician's Recognition Award*.
- Members of the *Canadian Society of Diagnostic Medical Sonographers* are eligible to receive 6.5 CSDMS CME credits at this meeting due to a reciprocal agreement with the American Medical Association.

## Mount Sinai Hospital

Mount Sinai Hospital is recognized nationally and internationally for its excellence in the provision of compassionate patient care, teaching and research. Courses developed at Mount Sinai have been carefully designed to anticipate the needs of the health care community and are characterized by the clinical experiences and ideas that have evolved out of our tertiary care setting. Our goal is to provide an interactive learning experience and offer practical ideas and solutions that will enhance and improve quality of care and patient satisfaction.

## List of Courses for 2006

January 28	Obstetrical Malpractice: A Survival Guide for 2006
May 12	4 <sup>th</sup> Annual Refresher in Primary Care Obstetrics
May 17	14 <sup>th</sup> Annual New Developments in Prenatal Diagnosis
May 26 -27	High Risk Pregnancy Update: Fetal Medicine and Doppler
October 21	Challenges in Intrapartum Care
November 10	Gynaecology Review Day

To view the program for these and other Mount Sinai CME programs please go to our website:  
[www.mtsinai.on.ca/seminars/ce](http://www.mtsinai.on.ca/seminars/ce)

## Accommodation

The following hotels are located within walking distance to the MaRS Collaboration Centre.

**Courtyard by Marriott**  
475 Yonge St  
(416) 924-0611  
[www.courtyard.com](http://www.courtyard.com)

**The Delta Chelsea**  
33 Gerrard St. West  
(416) 595-1975  
[www.deltachelsea.com](http://www.deltachelsea.com)



14<sup>th</sup> Annual Symposium  
**New Developments in  
Prenatal Diagnosis  
and  
Medical Genetics**

**Wednesday May 17<sup>th</sup>, 2006**



**The MaRS Centre  
Main Auditorium  
101 College Street  
Toronto, Ontario**