

DESCRIPTION & TARGET AUDIENCE

The purpose of this symposium is to provide Clinicians, Researchers, and Pediatric Care Providers an overview of how genetic research is having a direct impact on child health.

OBJECTIVES

- To understand how advances in genetics affect child health from diagnosis to treatment
- To review current concepts of how genes regulate the development of the nervous system
- To highlight how genetic research can impact bedside patient care
- To introduce emerging ethical issues in the era of modern genetics

LOCATION and CONTACT INFORMATION

The Sixteenth Annual Child Health Research Symposium will take place in the Fourth Floor Auditorium, Alberta Children's Hospital.

REGISTRATION INFORMATION

To attend in person: contact Julie.squires@albertahealthservices.ca or at 403 955 2966

This session is being offered by Telehealth (Videoconference).

To attend by Telehealth and request a Telehealth connection for your location: Outside of AHS- Calgary Health, please contact your local Telehealth Coordinator. Within AHS - Calgary Health, submit an online Telehealth Booking request to the Alberta Health Services Telehealth Department, or email: telehealth.support@albertahealthservices.ca

Visit the Southern Alberta Child & Youth Education Calendar at www.sacyhn.ca Click on Education Calendar, then Professional Opportunities - Telehealth. Posters, learning objectives, handouts and evaluations will be posted as they come available, and can be printed for distribution and individual use.

Additional information is available at: www.achresearch.com

The symposium has received MOCERT (Maintenance of Certification) accreditation from the Royal College of Physicians and Surgeons of Canada.

SYMPOSIUM PROGRAM

Wednesday March 10th, 2010

AMPHITHEATRE Albert Children's Hospital

7:30–8:15	Registration & Breakfast
8:15–8:30	Welcome and Introduction
8:30–9:30	Paediatric Grand Rounds (Grant Gall Lecture) Dr. Eric Hoffman Drug Development in Duchenne
	Dystrophy: Exon Skipping and Non-Hormonal
9:30-10:00	Steroids Dr. Carol Schuurmans Genetic Regulation of Nervous System Development in the Embryo
10:00-10:30	Dr. Harvey Sarnat Genetic Regulation of Nervous System Development in Human Disease
10:30-10:45	Refreshment Break
10:45–11:15	Dr. Michel Innes Clinical Phenotypes of Genetic Diseases of Nervous System Development
11:15-11:45	Dr. Murray Potter Targeting Drugs to the Nervous System
11:45- 12:15	Dr. Ian Mitchell Novel Treatments: Can We Balance Enthusiasm and Caution?
12:15-12:30	Panel Discussion
12:30-1:30	Lunch
1:30-2:30	Dr. Giulio Cossu Cell Therapy for Muscular Dystrophy
2:30-3:30	Dr. Jeff Medin Gene Therapy for Lysosomal Storage Disorders
3:30-3:45	Refreshment Break
3:45-4:35	Speaker TBA From Discovery to Treatment: The Clinical Impact of Modern Genetics
4:35-4:45	Dr. Jean Mah & Dr. Aneal Khan Novel Genetically Engineered Treatments in Patients at Alberta Children's Hospital
4:45-5:00	Panel Discussion
5:00-5:05	Closing Remarks

VISITING SYMPOSIUM GUEST SPEAKERS

Giulio Cosso received his MD degree from the University of Rome La Sapienza in 1977. Following this, he was a CNR Fellow at the Institute of Histology of La Sapienza University of Rome then the USPHS Fogarthy Fellow at the Wistar Institute of the University of Pennsylvania. He has been professor of Histology at the Department of Biology at University of Milan since 2005. He has directed the stem cells and muscular dystrophies unit since 2002.

Eric Hoffman earned his Ph.D. in Genetics at Johns Hopkins University in 1986 and then pursued post-doctoral training at Boston Children's Hospital working on Duchenne muscular dystrophy gene and protein identification. He then established an independent laboratory at the University of Pittsburgh where he worked on muscular dystrophies, ion channel disorders, and other neurological conditions. In 1999, he moved to Washington DC to establish the Research Center for Genetic Medicine Research at Children's National Medical Center.

Jeffrey A. Medin received his Ph.D. in Biochemistry from the University of Kentucky and later worked at the National Institutes of Health studying gene transcription, gene therapy and lysosomal storage diseases. In 2001 Dr. Medin moved to Toronto where is currently a Senior Scientist at the Ontario Cancer Institute and a Professor in the Department of Medical Biophysics and the Institute of Medical Sciences at the University of Toronto.

Murray Potter graduated from medical school from the University of Manitoba in 1995 and specialized in Medical Biochemistry and Biochemical Genetics. He current heads the Biochemical Genetics laboratory and Metabolic service at McMaster Children's Hospital. Dr. Potter's research focuses on brain-targeted protein therapies delivered using microencapsulated cells.

REGISTRATION FORM

NAME: _____
ADDRESS: _____

CITY _____ PROV _____ POSTAL CODE _____
PHONE: _____
E-MAIL: _____

I am a trainee
[] Yes Resident [] Fellow [] Post Grad []
Other [] Please specify:

I will attend
[] Wed Morning
[] Wed Afternoon

I request lunch [] Yes
[] No

Nutrition Breaks and Lunch provided to all Registered Attendees

Registration Fee
Trainees: No Fee
Physicians, Staff & General Public: \$40

UNRESTRICTED EDUCATIONAL GRANTS PROVIDED BY:



PAYMENT INFORMATION:

METHODS FOR PAYMENT:

CASH/PERSONAL CHEQUE VISA/ MASTERCARD/AMEX

PLEASE MAKE CHEQUES PAYABLE TO: ALBERTA HEALTH SERVICES

I, _____
authorize Alberta Health Services to charge my credit card (or I'm paying by cash or cheque) as follows:

VISA MasterCard AMEX Cheque Cash

Name as it appears on credit card:

Card #

Expiry Date: _____

Amount: _____

Cardholder's Signature

Please note: This item will appear on your Credit Card statement as: Alberta Health Services

PLEASE MAIL REGISTRATION TO:
CHILD HEALTH RESEARCH OFFICE
ALBERTA CHILDREN'S HOSPITAL
2888 SHAGANAPPI TRAIL NW
CALGARY, AB T3B 6A8
OR
FAX TO (403) 955-9111

SIXTEENTH ANNUAL CHILD HEALTH RESEARCH SYMPOSIUM

FROM DISCOVERY TO THERAPY - MODERN GENETICS IN ACTION

March 10th, 2010

SPONSORED BY

ALBERTA CHILDREN'S HOSPITAL RESEARCH INSTITUTE OF CHILD AND MATERNAL HEALTH CHAIR IN PEDIATRIC RESEARCH

DEPARTMENTS OF PEDIATRICS, MEDICAL GENETICS, THE UNIVERSITY OF CALGARY AND ALBERTA CHILDREN'S HOSPITAL.



Department of Medical Genetics



UNIVERSITY OF CALGARY