

Developmental & Stem Cell Biology Cancer Symposium

Thursday May 12 2016

Robert B. Salter Auditorium

Peter Gilgan Centre for Research & Learning | The Hospital for Sick Children

8:30 - 9:10 Registration - PGCRL Second Floor Lobby

9:15 Opening Remarks: **Dr. Michael Taylor**, MD, PhD (PGCRL Auditorium)

Session Chair: Dr. Cynthia Guidos, PhD, Senior Scientist - Program in Developmental and Stem Cell Biology



9:20 - 9:50

Dr. A. Thomas Look, MD
Professor of Paediatrics, Harvard Medical School
Vice Chair of Research, Paediatric Oncology, Dana-Farber Cancer Institute

Central role for super-enhancers in T-Cell acute leukemia



9:55 - 10:25

Dr. William Weiss, MD, PhD
Professor of Neurology, Paediatrics and Neurological Surgery, University of California San Francisco
Co-Leader, Paediatric Malignancies Program, Helen Diller Family Comprehensive Cancer Centre

Biology and therapy for neural cancers

10:30 - 11:00 **Coffee Break** - Second & Third floor lobby

Session Chair: Dr. Brent Derry, PhD, Senior Scientist - Program in Developmental and Stem Cell Biology



11:05 - 11:35

Dr. Kimberly Stegmaier, MD
Dana-Farber Cancer Institute and Boston Children's Hospital
Broad Institute of Harvard and MIT

Integrative genomics to identify new therapeutic targets in childhood cancer



11:40 - 12:10

Dr. Jurgen Knoblich, PhD
Institute of Molecular Biotechnology
Austrian Academy of Science

Modelling human brain development and disease in 3D organoid culture

12:15 - 13:30 **Lunch** - PGCRL Gallery

Session Chair: Dr. Meredith Irwin, MD, Oncologist and Senior Scientist - Program in Cell Biology



13:30 - 14:00

Dr. Joseph Costello, PhD
Professor of Neurological Surgery, University of California San Francisco
Karen Osney Brownstein Endowed Chair in Molecular Neuro-Oncology

Mechanisms of immortality and tumour evolution



14:05 - 14:35

Dr. Jeremy Rich, MD
Chair, Department of Stem Cell Biology and Regenerative Medicine
Lerner Research Institute, Cleveland Clinic

Dynamic complexity of cancer stem cells

14:40 - 15:10 **Coffee Break** - Second & Third floor lobby

Session Chair: Dr. Xi Huang, PhD, Scientist - Program in Developmental and Stem Cell Biology



15:15 - 15:45

Dr. Benjamin Simons, PhD
Professor, Cambridge Stem Cell Institute, Wellcome Trust - Medical Research Council
Herchel Smith Professor of Physics, Cavendish Laboratory

Tracing the cellular basis of epidermal maintenance and cancer



15:50 - 16:20

Dr. Charles Swanton, MD, PhD
Professor, Cancer Research UK
The Francis Crick Institute

TRACERx study: Tracking cancer evolution through therapy

16:30 Closing Remarks: **Dr. Peter Dirks**, MD, PhD

16:45 **Reception** - PGCRL Gallery (Speakers, organizers, DSCB investigators and invited guests)

18:00 **Dinner** - PGCRL Gallery (Speakers, organizers, DSCB investigators and invited guests)



Registration Required

<http://www.cvent.com/d/rfqxc2>

Registration Deadline: May 10, 2016

Organizers

Dr. Peter Dirks

Dr. Xi Huang

Dr. Michael Taylor

For more information:

Najeeb Siddiqui

najeeb.siddiqui@sickkids.ca

Symposium Sponsor

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