



Ontario **Genomics** Institute

SOLiD approaches to ILLUMINATING the FLXible nature of Nucleic Acids

Tuesday February 16, 2010
MaRS Centre Auditorium
Toronto, Ontario, Canada

Agenda

- 9:30 am Opening Remarks: **Steve Scherer**, Director, The Centre for Applied Genomics (TCAG), The Hospital for Sick Children and Director, McLaughlin Centre for Molecular Medicine, University of Toronto
- 9:45 am **John McPherson**, Director Cancer Genomics, Ontario Institute for Cancer Research (OICR)
The Changing Landscape of High Throughput Sequencing
- 10:30 am **Benjamin J. Blencowe**, Professor, Banting and Best Department of Medical Research, Department of Molecular Genetics, CCBR, University of Toronto
Using high throughput sequencing to study alternative splicing complexity and regulation
- 11:00 am Morning Break (please visit sponsors' tables)
- 11:15 am **Andrew Smith**, Banting and Best Department of Medical Research, University of Toronto
Highly Multiplexed Barcode Sequencing
- 11:45 am **Mehrdad Hajibabaei**, Director of Technology Development, Biodiversity Institute of Ontario (BIO) University of Guelph
Next-generation Biodiversity Analysis
- 12:15 am Lunch
- 1:15pm **Mike Brudno**, Assistant Professor and Canada Research Chair in Computational Biology, University of Toronto
Finding Insertion and Deletion Variants with NGS Data
- 1:45 pm **David Guttman**, Director, Centre for the Analysis of Genome Evolution and Function and Canada Research Chair in Comparative Genomics, University of Toronto
Tying Down Arabidopsis Mutants with Chastity Belts
- 2:15 pm Break (please visit sponsors' tables)
- 2:45 pm **Ben Evans**, Assistant Professor, Department of Biology, McMaster University
*Next Generation Insights into Evolution of Polyploid Frogs (*Xenopus*)*
- 3:15 pm **Nils Homer**, Department of Computer Science, UCLA
U87MG Decoded: The Genomic Sequence of a Cytogenetically Aberrant Human Cancer Cell Line
- 3:45 pm Closing Remarks: **Sergio Pereira**, Facility Manager Next Generation Sequencing, TCAG
- 4:00 pm End

If you haven't yet registered for this event, [click here](#).

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