

geXc Toronto 2016

4th Annual Toronto NGS Symposium

Register online - www.gexc2016.com

October 4, 2016

SickKids PGCL

Auditorium

686 Bay Street

Toronto

Agenda

7:30am-8:30am – Registration and morning wake-up

8:30am – 8:45am – Jeffrey Seitz

Vice President D-MARK Biosciences – *Welcome Message*

8:45am – 9:15am – Stephen Scherer

Director, The Centre for Applied Genomics, The Hospital for Sick Children,
Director, the McLaughlin Centre for Molecular Medicine, University of Toronto
"The Discovery of Large-Scale CNV and its Association with Specific Diseases"

9:15am – 9:40am – Jenny Zhang

Senior Scientist, Covaris
"Enhancing Pre-Analytical Performance for Genomic Medicine and Discovery by Adaptive Focused Acoustics (AFA)"

9:40am – 10:10am – Ryan Yuen

Genetic and Genome Biology Program, The Hospital for Sick Children
"Whole Genome Sequence-Based Resource for Autism Research"

10:10am – 10:35am – Phil Crocker

Senior Director Marketing, Panasas
"Preparing for the Genomics Data Tsunami"

10:35am – 10:50am – Coffee Break

10:50am – 11:20am – Tracy Stockley

Associate Professor, University Health Network,
Director, Molecular Diagnostics, University Health Network
"NGS Testing of Acquired and Inherited Cancers: When Two Worlds Collide"

11:20am – 11:45am – Daniela Munafo

Field Application Scientist, NEB
"Reducing Input Amounts and Streamlining Workflows in NGS Library Preparation"

11:45am – 12:15 – Hendrik Poinar

Professor and Canada Research Chair, Physical Anthropology, McMaster University
"Benefits of Time Travel, Unravelling the Genomics of Past Pandemics"

12:15 – 1:15pm – Lunch

1:15pm – 1:45pm – Jarret Adams

Associate Director, Toronto Recombinant Antibody Centre,
University of Toronto, Molecular Genetics
"NGS Enabled Antibody Discovery using Synthetic Repertoires"

1:45pm – 2:10 pm – Mariella Humphrey

Clinical Sequencing Sales Specialist, ThermoFisher
"Ion Torrent Updates"

2:10– 2:40pm – Natalia Ivanova

Lead Scientist, Canadian Centre for DNA Barcoding, University of Guelph
"A Biocomplexity Perspective on Authentication of Herbal Supplements"

2:40pm – 3:00pm – Coffee Break

3:00pm – 3:30pm – Ken Welch

Associate Professor, Biological Sciences, University of Toronto Scarborough
"NGS in the Ruby-Throated Hummingbird: Tiny bird, Huge Reads"

3:30pm – 3:55pm – Andrew Carroll

Head of Science, DNAnexus
"Mix and Match - Structural Variant Calling using Pacific Biosciences with Varying Coverages and Algorithms"

3:55pm – 4:25 – Yingfu Li

Professor, Biochemistry and Biomedical Sciences McMaster University
Canada Research Chair in Nucleic Acids Research
"Probing Sequence Space of Functional DNA via NGS"

4:30pm – 6:30pm – Poster Competition and Social

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