

# “Functional Genomics: Present and Future”

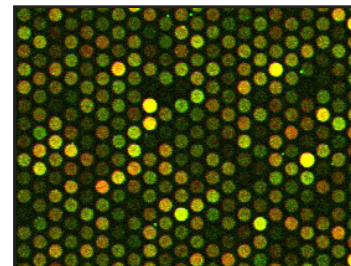
## Monday, June 14, 2010

A one-day symposium hosted by the UHN Microarray Centre

### Agenda

Location: MaRS Collaboration Centre, Main Auditorium

8:00 am	<b>Registration open</b>	
8:45 am	<b>Welcome</b>	
9:00am - 9:35am	<b>Elizabeth Edwards</b> University of Toronto	<i>“Metagenomics and bioremediation: from genomes to solutions”</i>
9:35am - 10:10am	<b>Amadeo Parissenti</b> Sudbury Regional Hospital	<i>“Aldo-keto reductases and their role in anthracycline metabolism, localization, and cytotoxicity in doxorubicin-resistant MCF-7 breast tumour cells”</i>
10:10am - 10:30am	Coffee Break	
10:30am - 11:05am	<b>Michael Reedijk</b> University Health Network	<i>“Identification of novel biomarkers and therapeutic targets in Notch-activated triple negative breast cancer”</i>
11:05am - 11:40am	<b>Rajiv Gandhi</b> University Health Network	<i>“The pro-inflammatory role of the intra-articular knee fat pad in osteoarthritis”</i>
11:40am - 12:15pm	<b>Ming-Sound Tsao</b> University Health Network	<i>“Prognostic gene expression signatures in lung cancer”</i>
12:15pm - 1:15pm	<b>Lunch</b>	
1:00pm - 1:25pm	<b>Sponsor Presentations</b>	Bio-Rad, Life Technologies, Sigma-Aldrich
1:25pm - 2:00pm	<b>Ellen Greenblatt</b> Mount Sinai Hospital	<i>“Application of single blastomere biopsy and microarray for embryo selection in IVF: Towards single embryo transfer”</i>
2:00pm - 2:35pm	<b>Daphne Ang</b> Memorial Sloan-Kettering	<i>“NanoString nCounter as a platform for highly multiplex detection of cancer fusion transcripts in clinical tumour samples”</i>
2:35pm - 3:10pm	<b>Ahmad Khalil</b> Broad Institute	<i>“A global mechanism for non-coding RNA dependent chromatin formation in mammals”</i>
3:10pm - 3:30pm	Coffee Break	
3:30pm - 4:05pm	<b>Ji Qiu</b> Arizona State University	<i>“Functional proteomics for biomarker discovery”</i>
4:05pm - 4:40pm	<b>Troy Ketela</b> University of Toronto	<i>“Functional genomic screening of cancer cell lines using complex shRNA pools”</i>
4:40pm	Closing Remarks	



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