TCAG New Technologies Seminar

NuGEN Solutions for Gene Expression, Copy Number, and Sequence Data Generation from Challenging Samples

Date: Tuesday June 29, 2010
Time: 10:00-11:00 AM
Location: Room 14-203, MaRS TMDT
101 College St.

Speaker: John Smutko
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The elucidation of gene expression patterns, copy number analysis, and sequence information is technically challenged when dealing with samples yielding very small amounts of nucleic acid as well as those of poor quality. These range from extremely small samples from Laser Capture and Microdissection, Biopsies, Sorted Cells or Fine Needle Aspirates to readily available yet challenging samples such as formalin fixed paraffin embedded (FFPE) tissues and Whole Blood. These are however the sample types in which researchers are most interested.

NuGEN Technologies has developed Reagent Solution systems allowing researchers to generate high quality data from very limited amounts of nucleic acid, RNA that is highly degraded, and samples with low complexity such as Whole Blood. Gene expression and copy number data will be presented from internal validation as well as real world examples on platforms ranging from microarrays to QPCR to sequencing.

Hosted by The Centre for Applied Genomics and the Ontario Genomics Institute

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