

TCAG New Technologies Seminar

“The Power to Detect: HybSelect™ for Targeted Sequence Capture”

Date: Tuesday Sept. 15, 2009
Time: 10:30 – 11:30 PM
Location: Room 14-203, MaRS TMDT
101 College St.

Speaker: Dr. Han Joo Lee,
Field Application Scientist,
Febit

The proliferation of NGS platforms has increased DNA sequencing throughput by orders of magnitude. However, it still takes months and several hundreds of thousands of dollars to finish a typical mammalian-sized genome at a reasonable depth of coverage. Certain “high value” regions of the genome have been associated with certain disease states, phenotypic traits, or responses to drug treatment or other environmental stimuli. Targeted re-sequencing of genomes can identify variants faster and at a much lower cost than whole genome sequencing. Genomic hot-spots ranging between tens and thousands of kilobases are excellent targets for HybSelect, a new automated microfluidic solution for sequence-specific capture from febit.

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



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