

TCAG New Technologies Seminar

From Cellular to Molecular: Pathway-Focused Research

Date: Monday, Nov. 28
Time: 3:00- 4:00 PM
Location: Room 14-203, MaRS TMDT
101 College St.

Speaker: Brian McNally, Ph.D.,
Application Scientist
Qiagen

Understanding the biology of living cells requires a systematic survey of the gene, protein, and pathway activities within a cell. SABiosciences, A QIAGEN company, provides a portfolio of innovative products for performing focused research studies. PCR Arrays are an exceptionally sensitive, reliable, and easy-to-use technology for analyzing the expression of biologically-relevant genes or miRNAs by qPCR. Furthermore, this fundamental approach that combines PCR Arrays with pathway analysis has been extended to mutation profiling, DNA methylation and epigenetic regulation. The PCR Array systems are powerful research tools for uncovering mechanisms of action within a model system. They are being utilized in all areas of biological research including cancer, inflammation, toxicology, drug development and stem cell biology. During this seminar, application examples will be used to highlight how PCR Array systems and other biology-focused research tools reliably identify the molecular changes within pathways that are important for your research. Thousands of scientists have discovered the power of these technologies. Come and learn how you can use them.

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



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