

# Join us for a technical seminar

Learn about real-time PCR and emerging applications

Wednesday, October 19, 2016

Institution: University of Manitoba – Fort Garry Campus

Room: P230 Duff Roblin

Time: 9:30 a.m.–3:00 p.m. (Registration, 9:30–10:00 a.m.), refreshments will be served

## Real-time qPCR basics, 10:00–11:00 a.m.

This session provides a basic understanding of real-time PCR. This seminar includes an introduction to real-time PCR terminology, reaction components, amplification, assay design, optimization, and reference and control options.

## Product evaluation strategy: qPCR master mix, 11:00 a.m.–12:00 p.m.

Concerned about selecting the correct product? Find out how to properly evaluate any product by following simple guidelines customized to fit individual needs. This seminar delivers a flexible systematic approach for criteria selection, weighting, scoring, and determination of the best overall performing product.

## Demystifying real-time PCR cycle threshold, 1:00–2:00 p.m.

Are early cycle thresholds really better? By understanding what factors affect changes in this intermediate value, researchers can determine the best path for completing real-time PCR experiments with confidence. This includes working with both DNA and RNA in relation to input starting material, reaction efficiency, and reverse transcription.

## Applied Biosystems™ TaqMan™ Protein Assay II: fast and sensitive, 2:00–3:00 p.m.

Learn more about this new and exciting area of protein analysis using real-time PCR. Combining the best of two worlds, this highly sensitive assay combines protein selection through antibody binding coupled with real-time PCR detection. This new version can detect targets with 10x less cells in half the time of standard assays.



Mike Troutman has worked in the genomics industry for over 25 years. He graduated from UCSD with a degree in microbiology. He has a background in research and development with qPCR multiplex optimization for high-throughput screening of cohorts relating to human disease. Mike was a field application scientist for over 12 years, covering many areas, including qPCR, sequencing, and microarrays. He also has over 8 years of experience in qPCR training in the areas of field applications, sales, and the development of e-learning tools.

To register for this event, go to: [thermofisher.com/eventregistration](http://thermofisher.com/eventregistration)

To find out more, contact:

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