

Join us for a technical seminar

Learn about real-time PCR and emerging applications

Thursday, September 22, 2016

Institution: St. Louis University
Location: Doisy Research Center
Room: 6th Floor, Conference Room 668
Time: 10:00 a.m.–2:00 p.m.

Real-time qPCR basics

10:00 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.

Demystifying real-time PCR cycle threshold

12:00 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

1:00 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

To find out more, contact:

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