

# Join us for a technical seminar

Learn about real-time PCR and emerging applications

Thursday, September 15, 2016

Institution: CCHMC  
Building: S  
Room: 7.125  
Location: 3333 Burnet Avenue, Cincinnati, OH 45229  
Time: 9:30 a.m.–12:00 p.m., refreshments will be served

## Applications and solutions

9:30 a.m.

This seminar reviews associated applications when working with DNA, RNA, and protein analysis. DNA applications include mutation detection, single nucleotide polymorphisms, and high resolution melt. RNA applications reviewed are gene expression and small RNA. The final section of the talk examines protein expression and thermal shift applications.

## Demystifying real-time PCR cycle threshold

10:30 a.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

11:15 a.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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