



Twin Technologies Symposium Event

Tuesday, September 17th | 10am - 12pm
Morrison Life Science Center | Room 145

10am – 10:45am | Seminar
10:45am – 11am | Questions & Snack Break



Droplet Digital™ PCR vs Real-Time PCR

Droplet Digital™ PCR (ddPCR™) is a breakthrough technology that provides absolute quantification of target DNA or RNA without the need for a standard curve. It also provides greater precision and orders of magnitude greater sensitivity than Real-Time PCR. In traditional PCR a sample is interrogated in a bulk reaction. But in ddPCR™ this bulk reaction is partitioned into 20,000 nanoliter-sized droplets and PCR amplification is carried out within each droplet. In this talk we will discuss diverse applications that are enabled by ddPCR™'s increased precision, accuracy, and tolerance to inhibitors. We will cover recent literature utilizing ddPCR™ for applications such as gene expression, rare mutation detection, copy number variation, and pathogen detection.



Brandon McKethan, PhD, Field Application Scientist, Bio-Rad Laboratories



11am – 11:45am | Seminar
11:45am – 12pm | Questions & Snack Break

Optimizing Western Blotting: Techniques for High-Quality & Quantitative Results

Total protein normalization is the most reliable method of reporting quantitative Western blot data. Recent guidelines from top tiered journals recommend normalization to total protein loading over the use of housekeeping proteins. Learn how you can increase the efficiency, productivity, and accuracy of your Western blots using Bio-Rad's Stain-Free Workflow. Also, learn how to acquire high-quality images on our new energy efficient, space-saving ChemiDoc Go.



Brittany Ripley, PhD, Field Application Scientist, Bio-Rad Laboratories

Donuts & Coffee Provided to Registrants!



Scan QR Code to Register
Questions? Reach out to your

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