

# Lunch Seminar

with Coffee & Snacks

## Best practices for

## quantitative PCR

### WHEN?

Tuesday  
March 19th, 2019  
11:15 - 14:15

### WHERE?

CMMC  
*Center for  
Molecular Medicine Cologne*  
„Großer Seminarraum EG“

Limited number of participants

Register now

<https://seminar.qpcr-guide.com>

Let us know your qPCR issues and questions in advance so that we can cover it within this free seminar

**Join us** and **unleash the full potential** of qPCR

In cooperation with

**CMMC** CENTER FOR  
MOLECULAR MEDICINE COLOGNE



Steinbrenner  
Laborsysteme GmbH

# Seminar Sessions

## SESSION 1

11:15 - 12:15

### qPCR Basics and Optimal Assay Design

- ✓ Background Knowledge
- ✓ Applications
- ✓ Assay Design
- ✓ TaqMan or Dye?
- ✓ Primer Design
- ✓ Multiplexing
- ✓ Assay Validation

## LUNCH-BREAK

## SESSION 2

12:45 - 13:45

### Advanced Topics and Troubleshooting

## Coffee & Snacks

- ✓ Data Analysis and Software
- ✓ Pitfalls
- ✓ Common Mistakes
- ✓ Strategies for Assay Optimization
- ✓ Troubleshooting **of your specific problems**

Jan Winter did his PhD studies in the lab of Michael Boutros at the German Cancer Research Center with a focus on functional genomics. There, he not only developed leading-edge CRISPR/Cas9 tools, but also established high-throughput qPCR assays and created a qPCR analysis software to foster comprehensive and reproducible data analysis.



Jan Winter

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