

Droplet Digital™ PCR Seminar 2014

Datum: Dienstag, 23. September 2014
Uhrzeit: 10:00 - 12:30 Uhr, inkl. Pause

Hörsaal 04.21 – Universitätsplatz 4/ 2. OG
Medizinische Universität Graz – 8010 Graz

- 1** Prepare ddPCR reaction mix
 - Combine DNA sample, primers, and/or probes with one of Bio-Rad's ddPCR supermixes
 - Fully validated PrimePCR ddPCR assays can be used
- 2** Generate droplets
 - Load the ddPCR reaction mix into the wells of a droplet generator cartridge
 - 8 x 20,000 droplets are generated from each run in the QX200 droplet generator
 - Target DNA (→) and background DNA (→) are randomly distributed in droplets
- 3** Perform PCR with EvaGreen or hydrolysis probes
- 4** Read and analyze results
 - After PCR, load the 96-well PCR plate into the QX200 droplet reader
 - Positive and negative droplets in each sample are read
 - Analyze concentrations (copies/μl) with QuantaSoft™ software

AN ELEGANT
FAST
 EXPERIMENT
 PROCEDURE

QUANTIFYING
 BIOMARKERS FOR
CANCER

INSIGHT INTO
VIRAL
 RESERVOIRS

DISTINGUISHING
 GENOMIC
 VARIATIONS

GENE
 EXPRESSION
 STUDIES

Rare Event Detection | Copy Number Variation | Gene Expression

10:00 qPCR: Best Practice Assay Design & PrimePCR

10:45 Coffee Break

11:00 What and Why: Droplet Digital™ PCR Technology

Droplet Digital™ PCR Applications in

- Detection of rare events: the quest for one in a million
- Measuring gene expression changes below 2-fold with highest precision
- Copy number variation with unrivalled accuracy
- Library quantification for Next Generation Sequencing

Mag. Christof Fleischer, Bio-Rad Laboratories
 Talks in english, slides in english

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REGISTRATION

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First Name: Last Name:

Email:

Phone Number:

Company Name:

Department:

Address:

City:

Zip Code:

Please also register my colleagues:

Name: Email:

Name: Email:

Name: Email:

**We will send you a confirmation via email after your registration. Your participation is free of charge.
Die Teilnahme am Seminar ist kostenlos. Aufgrund der begrenzten Teilnehmerzahl bitten wir jedoch um vorherige
Anmeldung.**

To register, please send this form to:

Fax: +49 (0)89 31884123 or email: seminare.lsg.ce@bio-rad.com

For more details of this seminar, please contact:

Mag. Christof Fleischer: mobile +43 (0) 664 284 2313 or christof_fleischer@bio-rad.com

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