

Core Facility Molecularbiology

Real-time PCR Workshop

The two-days quantitative real-time PCR workshop will provide attendees a comprehensive overview of real-time PCR and consists of a theoretical and practical part.

The course contents are:

- **Theory of quantitative real time PCR** (traditional PCR vs qPCR, detection methods, assay design, amplification plots, Cq, melting curves, efficiency, reference genes..)
- **Study design**
- **Sample preparation and quality control** (RNA isolation methods and RNA integrity, cDNA synthesis, qPCR reaction, assay validation, controls)
- **Relative quantification methods** ($\Delta\Delta$ Ct-method, Pfaffl-method)
- **Hands on training** (SYBR Assays)
- **Troubleshooting**

Target audience: PhD students and technicians (qPCR beginners)

Costs: 400 Euro (internal) / 600 Euro (external)

Registration: zmf-sekretariat@medunigraz.at
(Deadline: March 30th, 2018)

DFP-Points: 12

As the number of participants is limited (min. 4 and max. 8), please register early to confirm your seat!

April 24th-25th 2018, 9 a.m. - 4 p.m.

ZMF seminar room 3rd floor O3-012