

Real-Time PCR Seminar – Copenhagen 2008

Wednesday April 2.

In corporation between TATAA Biocenter and Eppendorf Nordic

We are hereby pleased to invite you to our Copenhagen 2008 Real-Time PCR seminar held at Symbion ConferenceCenter, Fruebjergvej 3, 2100 København Ø.

The Seminar is designed to give scientists and laboratory staff new to Real-Time PCR, an introduction to the techniques and experiment design. During the summer of 2008 we will follow-up with a seminar in advanced qPCR techniques

Schedule, April 2 course:

- 09.00-10.00** Basic PCR and qPCR theory and applications (Linda Strömbom, TATAA)
 - Amplification and detection
 - Detection chemistries
- 10.15-11.00** Data analysis (Linda Strömbom, TATAA)
 - How does qPCR software process the data?
 - How are standard curves used and created?
 - How are melt curves used?
 - Principle of quantification using standard curves
 - Principle of relative quantification
- 11.00-11.45** Primer and probe design and considerations (Petter Vikman, Eppendorf)
 - What does primer design affect?
 - What are primer dimers?
 - How do we minimize formation of primer dimers?
 - Design of Molecular Beacons and TaqMan probes
- 11.45-12.15** Lunch
- 12.15-13.00** Optimization of qPCR protocols (Petter Vikman, Eppendorf)
 - What parameters can/should be optimized?
 - An optimization strategy
 - Multiplexing possibilities and problems
- 13.00-13.15** Discussion and Q&A
- 13.15-** Showroom – See and touch a qPCR machine – get familiar with the software
End of qPCR course day 1.

Participation is free of charge. As there is a limited number of seats, we ask participants to sign up. Please do so with Kenneth Nielsen at nielsenk@eppendorf.dk or phone 0045 70 22 29 70, before March 26.

For questions, please don't hesitate to contact Kenneth Nielsen.

When signing-up, please give your name, phone, place of work and email address.

We look forward to welcoming you in Copenhagen!

