



## **LightCycler® 480 Application Workshops** *Roche Applied Science*

### **LightCycler® 480 Gene Quantification Workshop** (March 29, 2007, 9.00 – 12.30 a.m.)

**Participants:**

- Basic knowledge of real-time PCR is required.
- Number of participants: 50
- Admission to the workshop is free of charge. Snacks and coffee are served during the breaks.

**Content:**

In this session, we will introduce you to our extraordinary fast, flexible and accurate concept for gene expression analysis - our sophisticated LightCycler® 480 Real-Time PCR System - in combination with our innovative Universal ProbeLibrary qPCR assays. This course contains both theoretical and practical training. Participants will get the opportunity to establish a Universal ProbeLibrary qPCR assay during the session.

**Agenda:**

- Theoretical part  
Introduction of the LightCycler® 480 Real-Time PCR System and the Universal ProbeLibrary System.
- Practical part  
Design, performance and analysis of Universal ProbeLibrary qPCR assays.
- Discussion

### **LightCycler® 480 Gene Scanning Workshop** (March 29, 2007, 1.30 – 5.00 p.m.)

**Participants:**

- Basic knowledge of real-time PCR is required.
- Number of participants: 50
- Admission to the workshop is free of charge. Snacks and coffee are served during the breaks.

**Content:**

In this session, we will introduce you to our brand-new method for high-resolution melting curve analysis (HRM) with the LightCycler® 480 Real-Time PCR System, which will be available soon. With this excellent functionality, the LightCycler® 480 System will provide an innovative method to scan genes for unknown genetic variations. This course contains both theoretical information and practical demonstrations.

**Agenda:**

- Theoretical part  
Introduction of the LightCycler® 480 Real-Time PCR System (Gene Scanning Module).
- Demonstration of a gene scanning analysis
- Discussion