

qPCR 2010 7 – 9th April 2010

Symposium & Exhibition

Main topic: *The ongoing evolution of qPCR*



www.qPCR2010-Vienna.net
University Vienna, Juridicum, Vienna City Center, Austria

Event organization:

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Scientific board:

Stephen Bustin, School of Medicine, London, UK
Mikael Kubista, TATAA Biocenter, Sweden
Christine Mannhalter, Medizinische Universität Wien, Austria
Jo Vandesompele, CMGG, University of Ghent, Belgium
Michael W. Pfaffl, TUM, Germany

Location - Juridicum, University Vienna

Schottenbastei 10-16
1010 Wien (Vienna)
Austria

18th March 2010

Press Release

qPCR 2010 Event – The ongoing evolution of qPCR

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BioEPS GmbH is organizing the **qPCR 2010 Event** taking place April 7th – 9th, 2010 at the University in Vienna, Austria. **320 scientists from all around the world** will come to exchange ideas, share experiences, and discuss the exciting future of the perhaps most powerful analytical technology ever developed in the life sciences area – the quantitative real-time polymerase chain reaction (qPCR). We are proud to present **40 scientific talks** from invited international scientists and diagnostic companies in the qPCR field who will show their latest research findings and newest technologies. Focus of the event will be - *The ongoing evolution of qPCR*.

The scientific organization is managed by international well-known scientists in the field of qPCR:

Stephen Bustin	Prof. of Molecular Science, School of Medicine, London, UK
Mikael Kubista	Prof. of Biotechnology, TATAA Biocenter, Sweden
Christine Mannhalter	Prof. for Molecular Diagnostics in Clinical Chemistry, Med. University Vienna, Austria
Jo Vandesompele	Prof. at the Center of Medical Genetics, University of Ghent, Belgium
Michael W. Pfaffl	Senior Scientist and Reader in Physiology, TUM, Weihenstephan, Germany

Using qPCR the amount of target nucleic acid in a complex sample can be determined with high precision, great accuracy, excellent specificity and the ultimate sensitivity of detecting a single molecule. The technique has revolutionized all molecular sciences and diagnostic applications. Conference presentations will include MIQE guidelines & QM strategies in qPCR, high performance nucleic acid extraction, single-cell applications, Epigenetics & High-Resolution-Melt analysis, circulating nucleic acids, and application involving RNAi and microRNA.

Further developments of qPCR technology will be presented include improved instrumentation, miniaturization, high throughput platforms, cost efficacy, validity, flexibility, quality assessment and reliable Cq calculations, expression data comparisons, and interpretation.

Today there is no field in the life sciences research, molecular biology and diagnostics areas that has not introduced qPCR technology for nucleic acid analysis. The combination with reverse transcription enables determination of mRNA, microRNA and widely opens the window for “*Transcriptomics*” – the first step of quantitative “*Gene Expression Profiling*” and “*Functional Genomics*”.

An Industrial Exhibition will take place parallel to the symposium, with **40 leading biotechnology companies** presenting their latest developments, including real-time PCR cyclers, NA extraction robots, consumables, new fluorescence dyes, NA detection and amplification chemistries, as well as real-time PCR data analysis software.

For more information about the qPCR 2010 event contact Dr. Martina Reiter martina.reiter@bioeps.com

Hope to meet you in April in Vienna!

Scientific coordinator

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