

Integrated Sciences 6th QPCR Meeting

Sydney, 23rd April 2009

New Kolling Institute Auditorium
Royal North Shore Hospital
Pacific Highway
St Leonards NSW 2065



Registration

08.40 Registration (registration closes at 9.10)

09.00 Welcome introduction

Assay Design and Analysis

09.15 QPCR analysis on different Adenylate cyclase isoforms

Belinda Bowman – Australian School of Advanced Medicine, Macquarie University, NSW

09.45 In search of an 'ideal' PCR assay for detecting gene doping in athletes

Anna Baoutina, PhD – National Measurement Institute, NSW

10.15 Allelic imbalances investigated using qPCR

Jost Preis, PhD – School of Medicine, University of Western Sydney, NSW

10.45 **Coffee break**

11.15 Fluctuation of commonly used and novel 'housekeeping' genes in time course experiments

Tina Bianco-Miotto, PhD – University of Adelaide & Hanson Institute, SA

11.45 Free database of suitable reference genes

Fabrice Magnino, PhD – Integrated Sciences, NSW

Invited International Speaker

12.15 Latest trends in QPCR design and analysis

Prof. Jo Vandesompele – Center for Medical Genetics, Ghent University Hospital, Belgium

Lunch

1.10 Light lunch and refreshments will be provided
(Unfortunately we cannot cater for special requirements)

1.55 Integrated Sciences prize draw

Single Cell PCR and QPCR

2.10 Advalytix Single Cell PCR/QPCR system

Fabrice Magnino, PhD – Integrated Sciences, NSW

2.40 Single mouse embryo QPCR analysis

Margot Day, PhD – Department of Physiology, University of Sydney, NSW

3.10 **Coffee break**

HRM Analysis

3.30 Simultaneous scanning of mutations by HRM and Mutation Surveyor

Chong-Mei Dong – Plant Breeding Institute, University of Sydney, NSW

4.00 HRM on every QPCR instrument

Fabrice Magnino, PhD – Integrated Sciences, NSW

Q&A - Feedback

4.30 Open session