

Integrated Sciences 6th QPCR Meeting

Melbourne, 21st April 2009

Bio21 Auditorium
30 Flemington Road
Parkville VIC 3010

Registration

08.40 Registration ([registration closes at 9.15](#))

09.10 Welcome introduction

Assay Design and Analysis

09.20 Fluctuation of commonly used and novel 'housekeeping' genes in time course experiments
Tina Bianco-Miotto, PhD – University of Adelaide & Hanson Institute, SA

09.50 Free database of suitable reference genes
Babette Fahey, PhD – Integrated Sciences, VIC

10.20 Overcoming reaction inhibition in DNA samples for qPCR
Dr. Helen Hayden – DPI, Victorian AgriBiosciences Centre, VIC

10.50 **Coffee break**

Invited International Speaker

11.20 Latest trends in QPCR design and analysis
Prof. Jo Vandesompele – Center for Medical Genetics, Ghent University Hospital, Belgium

Lunch

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

12.50 Integrated Sciences prize draw

Melting Curve and HRM

1.10 Optimisation of over expressed protein production by stability profiling
Danuta Maksel, PhD – Protein Crystallography Unit, Monash University, VIC

1.40 Limited copy number-HRM in cancer biopsies
Hongdo Do and Alexander Dobrovic - Peter MacCallum Center, VIC

2.10 HRM on every QPCR instrument
Fabrice Magnino, PhD – Integrated Sciences, NSW

Diagnostics by QPCR

2.40 Rapid, single tube optimisation of a novel HRM Therapeutic SNP assay
Stephen Doyle – Department of Genetics, La Trobe University, VIC

3.10 Single Cell PCR and QPCR
Fabrice Magnino, PhD – Integrated Sciences, NSW

3.35 **Coffee Break**

4.00 **Methylation Sensitive HRM and digital MS-HRM**
Thomas Mikeska - Peter MacCallum Center, VIC

4.30 Multiplex QPCR on equine rhinitis A virus
Stacey Lynch – School of Veterinary Sciences, University of Melbourne, VIC

Q&A - Feedback

5.00 Open session