

Registration form

Accuracy in molecular measurement

Mail or fax this form to:

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Price:

£50.00 plus VAT (Total price: £58.75*) for bookings before 14 May 2010

£75.00 plus VAT (Total price: £88.13*) for bookings on or after 14 May 2010

The fee includes all refreshments.

Delegate details (Block capitals please)

Name:

(as required on delegate badge)

Organisation:

Address:

Postcode:

Telephone:

Email:

Payment details:

Cheque Please make payable to LGC Limited

BACS Please contact Bernadette Francis

Credit/debit card (not Amex/Diners)

Card type (e.g. Visa, Mastercard): _____

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I would like to be kept informed about future activities under the Chemical and Biological Metrology Programme and related products and services.

LGC does not pass personal details on to third parties.

Terms and conditions:

- All fees must be paid in advance of the workshop
- A full refund will be provided for cancellations received more than 30 working days before the workshop
- A refund of 50% will be provided for cancellations received between 15 and 30 working days before the workshop
- No refunds will be given for cancellations received less than 15 working days before the workshop
- Substitutions will be accepted at any time.

*Calculated using current VAT rate (1 January 2010) of 17.5%.

By returning this form you agree to your personal information being processed by LGC Limited for the organisation and administration of this event

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Accuracy in molecular measurement

24 June 2010

The Churchill Museum and Cabinet War Rooms, London

National
Measurement
System



The workshop

Advances in molecular biology technologies over the last thirty years have transformed nucleic acid measurement. These have changed from crude qualitative assays to much higher accuracy approaches, capable of very sensitive, precise and quantitative measurements over large dynamic ranges. Accuracy in Molecular Measurement is a one day workshop that highlights the potential of the latest molecular techniques, methods and reference systems and discusses the essential considerations needed to ensure confidence in nucleic acid quantification.

The morning will start with a keynote lecture from Professor Stephen Bustin and will follow with a series of lectures that consider the analysis of nucleic acids and associated measurement standardisation. The afternoon will start with an 'Ask the experts session' in which the audience will be given the opportunity to pose questions (both prior to the meeting by questionnaire, or on the day) to our expert panel, chaired by Dr Jim Huggett, which will include Professor Stephen Bustin and Dr Tania Nolan. The afternoon will finish with a series of talks illustrating how newer developments in molecular techniques might be used in real world applications.

Who should attend?

The workshop will be of value to anyone who has an interest in using molecular methods to make high accuracy quantitative nucleic acid measurements. The workshop is applicable to individuals from academia or industry, working in research, clinical, diagnostic, forensic, food and environmental fields. It will also be of value to those who are interested in the potential of the latest technologies and approaches for ensuring confidence in the measurements they are making.

This event is being organised by LGC with support from the National Measurement System and is open to all organisations to enable developers and users the opportunity to network, share experiences and discuss their needs to help define the nucleic acid measurement agenda going forward.

Further information available in the events section at www.nmschembio.org.uk

Programme

09.30	<i>Registration</i>
Keynote	
10.00	Welcome <i>Dr Jim Huggett, LGC</i>
10.10	Improving the reliability of RT-qPCR <i>Professor Stephen Bustin</i> <i>Barts and the London School of Medicine and Dentistry Queen Mary University of London</i>
11.00	<i>Refreshments</i>
Developments in molecular measurement techniques	
11.30	Key considerations for accurate DNA measurement <i>Dr Stefaan Derveaux, Ghent University</i>
12.00	RNA and the reverse transcription reaction <i>Dr Tania Nolan, Sigma Aldrich</i>
12.30	Standardisation, normalisation and the role of reference materials <i>Dr Jim Huggett, LGC</i>
13.00	<i>Lunch and Networking</i>
14.00	Ask the Experts and questionnaire review <i>Chair: Dr Jim Huggett</i>
Applications	
15.00	Clinical measurement of cell free DNA present and future possibilities <i>Dr Alexandra Whale, LGC</i>
15.20	<i>Refreshments</i>
15.40	Sensitive and quantitative detection of KIT D816V in patients with systemic mastocytosis using the Fluidigm BioMark™ real-time PCR system and digital array <i>Dr Helen White, National Genetics Reference Laboratory (Wessex)</i>
16.10	Ensuring accuracy in food analysis <i>Dr Malcolm Burns, LGC</i>
16.30	<i>Close</i>

Occasionally, due to circumstances beyond our control, it may be necessary to alter the content of workshop programmes. LGC therefore reserves the right to modify the programme.