



30th SCI Process Development Symposium

Wednesday 5 - Friday 7 December 2012
Churchill College, Cambridge, UK

Organised by SCI's Fine Chemicals Group



Venue

The conference will take place at Churchill College in Cambridge.

Churchill College is one of 31 Colleges that comprises the University of Cambridge. Founded in 1960, it is a 15 minute walk from the centre of Cambridge. Despite the concentration of hi-tech and science industries around Cambridge, the centre still retains the atmosphere of a small town, renowned for the many university colleges and places of interest. Further information about Cambridge and alternative accommodation can be found at: www.visitcambridge.org

Travel

Travel to Cambridge is convenient by road or rail. Churchill College is on Storey's Way, off the A1303 one mile west of the city centre and close to the M11 motorway. There are frequent train services to Cambridge from London King's Cross and Liverpool Street Stations. The nearest international airport is London Stansted (30 miles) which has rail and coach links to Cambridge. From London Heathrow and Gatwick Airports there are express rail links to central London for onward rail journeys as above. There are also coach links from both airports direct to Cambridge.

A map will be sent to all delegates with the confirmation email

Accommodation

Accommodation for delegates at the college comprises either single study ensuite or single study standard bedrooms. Rooms will be allocated on a first-come, first served basis.

The accommodation package is for 2 nights - Wednesday 5 and Thursday 6 December and includes Full English or Continental breakfast plus an evening meal on Wednesday 5 December. Rooms must be vacated by 10.00am on the day of departure. Luggage storage will be available.

Those not wishing to stay in college accommodation can book accommodation directly through www.visitcambridge.org

Please note: Bedrooms at the college will be available from 14.00 on the day of arrival.

Organisers

Dr John Carey, Reckitt Benckiser, UK
Dr Louis Diorazio, AstraZeneca, UK
Dr Alan Ironmonger, GlaxoSmithKline, UK
Dr David Lathbury, AMRI Global, UK
Dr Lisa Mitchell, Syngenta, UK
Mr Alan Pettman, Pfizer, UK

Please pass this flyer onto a colleague

Wednesday 5 December

11:00 Registration and refreshments

12:15 Lunch

Chairman: Dr John Carey, Reckitt Benckiser, UK

13:25 Opening remarks

13:30 New voriconazole process: from 6 steps to 2
Dr Adam Burrell, Pfizer, Ireland

14:10 On-site-on-demand production of hazardous materials by continuous flow processes
Dr Peter Poechlauer, DSM Innovative Synthesis, The Netherlands

14:50 Discovery of environmentally benign synthetic reactions catalyzed by pincer complexes
Prof David Milstein, The Weizmann Institute of Science, Israel

15:30 Refreshment break

16:10 Multi-kilogram synthesis of L/T channel blocker ACT-280778
Dr Jacques-Alexis Funel, Actelion Pharmaceuticals, Switzerland

16:50 Improved routes for new and old API's using asymmetric hydrogenation
Dr Ian C Lennon, Chiral Quest, UK

17:30 Discussion and close

17:45 Drinks reception sponsored by Chiral Quest

19:00 Dinner for residents

Thursday 6 December

Chairman: Mr Alan Pettman, Pfizer, UK

09:00 Process R and D - the last 120 years and the next 20; lessons from the past and predictions for the future
Dr Trevor Laird, Scientific Update LLP, UK

10:00 Homogeneous catalysis in the fine chemicals industry: a view from BASF
Dr Rocco Paciello, BASF, Germany

10:40 Refreshment break

11:20 Patent issues in chemical process development
Mr Huw Hallybone, Carpmals & Ransford, UK

12:00 Carry over of impurities – a detailed exemplification for glycopyrrolate
Dr Thomas Allmendinger, Novartis, Switzerland

12:40 Lunch

Chairman: Dr Alan Ironmonger, GlaxoSmithKline, UK

14:00 Development of a commercial scale direct asymmetric reductive amination (DARA) reaction
Dr Scott Frank, Lilly, USA

14:40 Bulk chemicals: concept to commercialisation
Mr Tim Bristow, BP Chemicals Ltd, UK

15:20 Refreshment break

16:00 The value of in-situ analytics within process development
Dr Jon Goode, Mettler-Toledo Autochem, UK

16:40 GlaxoSmithKline, AstraZeneca, Syngenta and Pfizer prize for process chemistry research 2012: New catalytic reactions designed to expedite organic synthesis
Prof Tim Donohoe, University of Oxford, UK

17:40 Discussion and close

17:45 Drinks reception sponsored by GlaxoSmithKline

19:00 Symposium dinner

Programme

Friday 7 December

Chairman: Dr David Lathbury, AMRI Global, UK

09:00 Impurity management – progressing from early to late phase development projects
Dr Susanne Lochner, Janssen Research & Development, Switzerland

09:40 SelectAZyme™ applications from medicinal chemistry to large scale manufacture
Dr Tom Moody, Almac Sciences, UK

10:20 Refreshment break

11:00 The commercial route to dacomitinib: the first example of mild conditions for a dimroth rearrangement
Dr Olivier Dirat, Pfizer Chemical Research and Development, UK

11:40 Development of a large-scale synthetic route to manufacture (-)-huperzine A
Dr Manou Ardakani, Shasun Pharma Solutions Ltd, UK

12:20 A second generation synthesis of atovaquone
Dr Charles Wade, GlaxoSmithKline, UK

13:00 Close followed by lunch

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5 - 7 December 2012 @ Churchill College, Cambridge, UK

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Booking Rate after 12 Oct 2012

SCI Member£485 ☐

Non-Member£540 ☐

Subsidised Member£280 ☐

Accommodation Package

Includes Bed/Breakfast for Wed 5 & Thurs 6 December plus dinner on Wed 5 December

Single Ensuite Room (with private bathroom)..... £175 ☐

Single Standard Room (with shared bathroom)..... £140 ☐

Membership number (if applicable).....

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There are 3 ways to pay:

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Please return completed forms to:

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Register online at: www.soci.org/events

The symposium aims to bring together a wide range of speakers from across the Pharmaceutical, Agrochemical and Fine Chemical industries, as well as from an academic background.

The area of Process Development continues to be a challenging and important area for the research into and application of modern synthetic organic chemistry, as well as enabling technologies.

Process Development is the application of chemistry to the scale up of new synthetic processes from the laboratory, through pilot plant to full scale commercial manufacture and into life cycle management. It is an extremely broad discipline, crossing the boundaries between synthetic organic chemistry, process technology and chemical engineering.

Attendees

This meeting brings together experts from across the entire spectrum of the discipline to present state of the art process development. As an established and well attended meeting, the process development symposium offers an excellent opportunity for networking between like-minded process scientists of all levels of experience and from all areas of the chemical industry.

Exhibition

An exhibition will run alongside the conference during refreshment breaks, for companies and related organisations who may wish to exhibit. For further information and prices please email jacqui.maguire@soci.org.

SCI is a forward-looking multidisciplinary membership organisation connecting industry, government and academia to advance the application of science for the benefit of society.

SCI offers a network of contacts spanning the chemical and chemical-using industries, together with a rolling programme of conferences, events and prestigious awards which help further knowledge and support those involved in the sector, no matter what stage they're at in their careers.

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