



Hot Topics in Organic Chemistry: 20th Annual Review Meeting

Wednesday 11 December 2013

Pfizer Lecture Theatre, University of Cambridge, UK

Organised by SCI's Young Chemists' Panel



10:00 Registration and refreshments

10:30 Welcome and introduction

Session 1: Development of novel catalytic and stereoselective processes

10:35 **From stoichiometric reagents to catalysis: The emergence of catalytic phosphorus(V) mediated reactions**
Dr Ross Denton, University of Nottingham

11:25 **Tools and observations in the development of catalytic procedures**
Prof Nick Tomkinson, University of Strathclyde

12:15 **Recent advances in sigmatropic rearrangements and applications in synthesis**
Dr Matthew Cook, Queen's University Belfast

13:00 Lunch and posters

Session 2: Synthesis of novel heterocyclic scaffolds

14:00 **Unusual ring systems and the changing landscape of medicinal chemistry**
Prof Charles Marson, University College London

Keynote lecture 1: The Takeda lecture

14:50 **Towards the systematic exploration of chemical space**
Prof Adam Nelson, University of Leeds

15:50 Refreshment break

Keynote lecture 2: The UCB lecture

16:20 **Novel building blocks for drug discovery: modulation of physico chemical properties**
Prof Eric Carreira, ETH Zurich

17:20 Close of meeting

Organisers

Benjamin Buckley, Loughborough University
Richard Castledine, Fine Contract Research Ltd
Will Farnaby, Takeda Cambridge Ltd
Liz Jones, UCB Pharma Ltd



Synopsis

This 20th Annual Review Symposium will focus on two key areas of synthetic organic chemistry.

We have an exciting line up of leading academics, who will deliver a series of lectures based on two "hot" topics in synthesis; the development of novel catalytic and stereoselective processes and the synthesis of novel heterocyclic scaffolds. The meeting will deliver a comprehensive overview, highlighting new methods and reviewing the latest applications and concepts in these areas. These lectures will be supported by two keynote speakers from the UK & Europe.

Attendees

The meeting is aimed at graduates and post-graduates with a background in organic synthesis and is ideally suited to those studying for a postgraduate degree or working in the pharmaceutical, biotechnology or agrochemical industries.

Posters

There will also be a poster session and interested delegates are strongly encouraged to submit their application for this early, as numbers will be limited. Please send a one-page abstract to conferences@soci.org by **Friday 1st November 2013**.

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Information on SCI

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Wednesday 11 December 2013 @ University of Cambridge, UK

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