



# 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](mailto:conferences@soci.org) by **Friday 1st November 2013**.

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Wednesday 11 December 2013 @ University of Cambridge, UK

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