



# New Aspects of Heterocycles

Wednesday 9 October 2013

SCI HQ, London, UK

Organised by SCI's Fine Chemicals Group



# Programme

- 10:30** Registration and refreshments
- 10:55** Welcome and introductory remarks
- 11:00** **Tandem/Telescoped approaches to heterocyclic natural product synthesis**  
Richard Taylor, University of York
- 11:50** **Catalytic enantioselective multicomponent reaction**  
Jieping Zhu, Ecole Polytechnique Fédérale de Lausanne (EPFL)
- 12:40** Lunch
- 13:40** **Unconventional reactivity from organolithiums**  
Jonathan Clayden, University of Manchester
- 14:30** **Catalyzed C-H functionalization involving heterocycles**  
Lutz Ackerman, Georg-August-Universität Göttingen
- 15:20** Refreshment break
- 15:40** **NHCs in organocatalysis: mechanistic studies and asymmetric catalysis**  
Andrew Smith, University of St Andrews
- 16:30** **New tools for molecule makers**  
Steve Ley, University of Cambridge
- 17:20** Close
- 17:30** Wine mixer

## Organisers

Ray Jones, University of Loughborough  
Liam Cox, University of Birmingham  
Mike Willis, University of Oxford  
Keith Jones, Institute of Cancer Research  
Joanne Pinder, Vertex Pharmaceuticals (Europe) Ltd



## Synopsis

The vast majority of pharmaceuticals, new materials and other effect chemicals are heterocyclic - heterocycles are essential to life, our well-being and the economy. In recent years, a range of new approaches and methods have rejuvenated the field of heterocyclic chemistry: this meeting brings together leading practitioners of these new approaches in an exciting selection of cutting-edge research that will change your perception of this long-established field.

## Attendees

This meeting is targeted at industrial chemists working in medicinal chemistry, agrochemicals, materials chemistry and other users of heterocyclic molecules, especially those involved in the identification of new small molecules for applications. It should also attract people from academic heterocyclic synthesis groups.

## Travel bursaries

There are a limited number of travel bursaries available to students on a first come first served basis.

Travel bursaries sponsored by Vertex Pharmaceuticals (Europe) Ltd.



## Information on SCI

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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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**New Aspects of Heterocycles**

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