



# 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

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.

SCI is the publisher of many well respected peer-reviewed journals and industry leader Chemistry & Industry magazine (C&I).

Join SCI today to network with people across the chemical and chemical-using industries and make connections that spark innovation, get careers moving, and sets business ideas rolling. Visit [www.soci.org/membership](http://www.soci.org/membership) to find out more and join us.



# New Aspects of Heterocycles

9 October 2013 @ SCI HQ, London, UK

If you would like to become a member of SCI today, please tick the box below and you can benefit from the SCI discounted member rate on booking this conference.

I would like to become a member of SCI..... Member £90 ☐ Student £25 ☐

Please tick appropriate box below

## Booking Rate before 30 Aug 2013

## Booking Rate after 30 Aug 2013

SCI Member .....£100	<input type="checkbox"/> SCI Member .....£120 <input type="checkbox"/>
SCI Student .....£40	<input type="checkbox"/> SCI Student ..... £50 <input type="checkbox"/>
Subsidised Member .....£75	<input type="checkbox"/> Subsidised Member .....£90 <input type="checkbox"/>
Non-Member .....£180	<input type="checkbox"/> Non-Member.....£215 <input type="checkbox"/>

Membership number (if applicable).....

Surname ..... First Name.....

Title Mr/Mrs/Dr/Prof/Other.....Position.....

Organisation .....

Address .....

.....

..... Postcode.....

Tel.....

Email .....

Special requirements: (dietary/access/other) .....

Signature .....Date .....

There are 3 ways to pay:

1. Online at [www.soci.org/events](http://www.soci.org/events)
2. Cheques made payable to 'SCI' should be drawn in GB£ and enclosed with form
3. Credit Card. Please debit £..... from my Mastercard/ Visa/ Amex (please circle)

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Card Expiry Date ☐ ☐ / ☐ ☐ Signed.....

Please return completed forms to:

SCI Conference Dept, 14/15 Belgrave Square, London, SW1X 8PS

T: +44 (0) 20 7598 1561; F: +44 (0) 20 7235 7743; E: [conferences@soci.org](mailto:conferences@soci.org)

**Cancellations:** Received in writing 1 to 3 weeks prior to the meeting will be subject to a 20% administration charge. Refunds cannot be made for cancellations received after this period although substitutions may be made. Should unforeseen circumstances occur, SCI reserves the right to alter the content of the programme and cancel or postpone any of its meetings without notice or, in the case of complete cancellation, liability to enrolled delegates other than return of fees.

**Data Protection:**The personal information included on this form will be used by SCI only and will not be disclosed to any third parties.Please tick if you do not wish to be sent details of any future similar meetings or other SCI services. ☐

Register online at: [www.soci.org/events](http://www.soci.org/events)