



New Technologies in Synthesis and Medicinal Chemistry

Tuesday 11 May 2010

Novartis Horsham Research Centre, UK

RSC | Advancing the
Chemical Sciences

Organised by RSC's High Throughput Chemistry and
New Technologies Group and by SCI's Fine Chemicals Group


SCI
where science meets business

- 09.00** Registration and refreshments
- 09.50** Introduction
- 10.00** **Multicomponent approaches to organic synthesis and chemical biology**
Jared Shaw, University of California Davis
- 10.40** **Functionalized organometallics in heterocycle synthesis**
Paul Knochel, Ludwig-Maximilians University
- 11.20** Refreshments
- 11.40** **Key green chemistry research areas – a pharmaceutical perspective**
Peter Dunn, Pfizer
- 12.10** **Metal supplements - good or bad? The application of supported adsorbents to metal scavenging in pharma**
Richard Robinson, Novartis
- 12.40** Lunch
- 14.00** **G-Quadruplexes as functional nucleic acids and therapeutic targets**
Shankar Balasubramanian, Cambridge University
- 14.40** **Formulating for the future – opportunities for high through-put technologies within AgChem**
Catherine Piper, Syngenta
- 15.10** Refreshments
- 15.40** **The Sorafenib discovery story**
Bernd Riedl, Bayer Schering
- 16.10** **Search for new antibacterials using diversity-oriented synthesis**
David Spring, Cambridge University
- 16.50** Wine reception and close



Synopsis

The prudent application of relevant new technologies in medicinal chemistry is one way to increase the quality and efficiency of drug discovery.

Everyone working in the pharmaceutical industry is very aware of the need for improved productivity. The cost of R&D continues to grow rapidly while the number of new drugs being brought to the market has dwindled which has led to the recent significant reductions in the in-house research efforts in large pharmaceutical companies.

The RSC High Throughput Chemistry and New Technologies Group and SCI's Fine Chemicals Group have organised this one day symposium to highlight recent advances in technology-enabled drug discovery as well as new synthetic technologies with particular relevance to medicinal chemistry. This will be the sixth meeting in this symposium series.

Attendees

This conference is aimed at scientists and managers in pharmaceutical, agrochemical and biotechnology companies in addition to students and academics from universities and research institutions.

5% discounts apply to all SCI conferences by booking online at www.soci.org

Information on SCI

SCI is an international, independent charity whose remit is to promote the application of science for the benefit of society.

Established since 1881, SCI works hard to advance and promote scientific knowledge and innovation while acting as a bridge between science and business. It does this by bringing together people from a wide variety of backgrounds including scientists, business people, industrialists, researchers and students from all over the world.

SCI is the publisher of many well respected journals and industry leader Chemistry & Industry magazine (C&I). SCI can offer a network of contacts spanning education, science and business, an in-depth knowledge of chemical related industries together with a rolling programme of conferences, awards and scholarships to help further knowledge and support those involved in the sector no matter what stage of their careers.

For more information on the benefits of joining SCI please go to www.soci.org/membership

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