



Advances in Synthesis and Medicinal Chemistry

Tuesday 1 May 2012

BioPark, Welwyn Garden City, UK

RSC | Advancing the
Chemical Sciences

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


SCI
where science meets business

- 09.15 Registration and refreshments
- 09.50 Welcome and introduction
- 10.00 **Accelerated C-H activation reactions: a shortcut to drug molecules from chemical feedstock**
Prof Jin-Quan Yu, Scripps, USA
- 10.40 **Targeting mitochondria**
Prof Peter Wipf, University of Pittsburg, USA
- 11.20 Refreshment break
- 11.40 **Rapid SAR generation using an integrated microfluidic approach to synthesis and screening**
Mr Chris Selway, Cyclofluidic, UK
- 12.10 **Chemical probes for epigenetic proteins**
Dr Paul Brennan, Structural Genomics Consortium, UK
- 12.40 Lunch
- 13.50 **Natural products inspired drug discovery**
Dr Youssef Bennani, Vertex Pharmaceuticals, Canada
- 14.35 **Use of smart library design to identify novel TRPM8 blockers - logic and serendipity**
Dr Alan Brown, Pfizer, UK
- 15.15 Refreshment break
- 15.45 **Will there be a new golden age of drug discovery?**
Dr David Brown, Alchemy Biomedical, UK
- 16.25 **RSC HTCNT award winner to be announced**
- 17.05 Close



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. This has led to recent significant reductions in the in-house research efforts in large pharmaceutical companies.

This established symposium will highlight recent advances in technology-enabled drug discovery as well as new synthetic technologies with particular relevance to medicinal chemistry. This will be the eighth meeting in this 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.

Exhibition

If you are interested in exhibiting, please contact the SCI conference team:
T: +44 (0) 20 7598 1566; E: conferences@soci.org

Location

This conference will take place at BioPark in Welwyn Garden City, Hertfordshire, and is just a ten minute walk from Welwyn Garden City's mainline railway station. The journey to Kings Cross Station in Central London takes less than 30 minutes. The science park is close to the A1, M1 and M25 motorways and car parking will be available.

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

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.

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