

High Throughput Medicinal Chemistry

Institute of Physics
76 Portland Place
London W1B 1NT

10th May 2005

RS•C

advancing the chemical sciences

High throughput techniques have revolutionised the drug discovery process and are widely used in medicinal chemistry to speed the development of new and higher quality drug candidates. The scientific programme of the “High Throughput Medicinal Chemistry” meeting will include presentations on computational tools, purification of small organic molecules, ADME, fragment based design and case studies from GlaxoSmithKline, AstraZeneca and Merck Sharpe and Dohme.

Programme

09:30 Registration & Coffee

09:50 Introduction

10:20 High Throughput Medicinal Chemistry
- A Possible Computational Toolkit
Ashley George, *GlaxoSmithKline*

10:40 Evolution of Purification in Medicinal Chemistry
Steve Jordan, *CombiPure*

11:20 Fragment Based Approaches to Medicinal Chemistry
Miles Congreve, *Astex Technologies*

12:00 LUNCH

13:00 The Use of *In Silico* ADME Tools to Drive Good Library Design and Lead Optimisation
Mike Tarbit, *Informatica*

13:40 High Throughput Systems Based Research at GSK
Laramie Gaster, *GlaxoSmithKline*

14:20 Technology Enhanced Medicinal Chemistry: Development of Allosteric Akt Kinase Inhibitors
Craig Lindsley, *Merck*

15:00 TEA AND COFFEE

15:40 Recent Experiences in Hit-to-Lead
Sarah King, *AstraZeneca*

16:20 The Changing Face of Organic Synthesis
Steve Ley, *University of Cambridge*

17:00 Wine Reception

19:00 Finish

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APPLICATION FORM Please type or print clearly (this form may be photocopied)

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TERMS AND CONDITIONS

Cancellation before **19th of April 2004** will be subject to an administrative charge of 25%. It will not be possible to offer any refunds on cancellations received after **19th April 2004** although substitutions can be made at any time. **Bank charges are non-refundable.**

DATA PROTECTION

The RSC will use information you supply for the provision and administration of its activities, products, and services and for marketing. It may be necessary to disclose your information to service providers. A list of participants, which will include e-mail addresses, will be published for distribution at the conference. If you **DO NOT** wish to be included in this list, please tick the box. We may contact you by mail, telephone, e-mail or fax to tell you about activities, products and services that may be of interest to you. If you **DO NOT** wish to receive this information, please put a tick in the box.

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