



Choosing the Right Target in Drug Discovery

Wednesday 15 May 2013

SCI HQ, London, UK

Organised by SCI's Fine Chemicals Group



- 09:30** Registration and refreshments
- 09:55** **Welcome and introductions**
- 10:00** **Targeting multi-protein regulatory systems: Allosteric and protein-protein interactions**
Tom Blundell, University of Cambridge
- 10:50** **Phenotypic vs target screening approaches – black or white or shades of grey**
Graeme Walker, AstraZeneca
- 11:30** **Selection and validation of cancer drug targets: Objective computational assessment and chemical tools**
Paul Workman, The Institute of Cancer Research, London
- 12:10** Lunch and exhibition
- 13:30** **The genomics of drug sensitivity in cancer: preclinical biomarker discovery in cancer cells**
Mathew Garnett, Sanger Institute
- 14:10** **RNAi screening: pitfalls and bear-traps**
Michael Howell, London Research Institute, CRUK
- 14:50** **Mode of action analysis and biomarker discovery by phosphoproteomics**
Christian Eckert, Evotec, Germany
- 15:30** Refreshment break
- 16:00** **Drug Discovery Toxicology: approaches to improving candidate drug safety**
Peter Newham, AstraZeneca
- 16:40** **The expanding role of the medicinal chemist: application of chemical tools to enhance biological target selection**
Ian Storer, Pfizer Neusentis
- 17:30** Closing remarks and Wine reception (Evotec)



Synopsis

This symposium will cover the current approaches to novel target selection in drug discovery. The differentiation of drug candidates through on- and off-target mechanisms and pathways will be discussed. Methods for target validation, mechanism clarification, measuring or predicting tractability, efficacy and safety will be covered to show how a better understanding of these interacting effects can allow the development of better quality Lead and Clinical Candidates.

Attendees

This event is aimed at all scientists interested in furthering their knowledge of drug discovery. It will also have wide appeal to members of the drug discovery community eager to understand how to select and validate novel targets. Analysis of pathway effects with on- and off-target activity of drug candidates can help in compound prioritisation and optimisation.

Organisers

Nat Monck (Evotec UK)
Steve Swallow (AstraZeneca)
Kirsty Hewitson (IP Finland)

Exhibition

An exhibition is being planned during the refreshment and lunch breaks. There will be a limited number of spaces available for companies and related organisations who may wish to exhibit. For further information and prices please send an email to conferences@soci.org with "Choosing the Right Target exhibition information" as the title.

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).

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15 May 2013 @ SCI HQ, London, UK

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