



Choosing the Right Target in Drug Discovery

Thursday 15 May 2013

SCI HQ, London, UK

Organised by SCI's Fine Chemicals Group



Programme

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



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.

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Choosing the Right Target in Drug Discovery

15 May 2013 @ SCI HQ, London, UK

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