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## Designing Safer Medicines: What works and what doesn't

Monday 13 October 2014

SCI, London, UK

## Highlights in Medicinal Chemistry

Tuesday 14 October 2014

SCI, London, UK

Organised by SCI's Fine Chemicals Group



**SCI**  
where science meets business

# Designing Safer Medicines: What works and what doesn't

Monday 13 October 2014

- 09:30** Registration and refreshments
- 09:55** Welcome and introduction
- 10:00** **Reducing cardiovascular safety-related attrition: the good, the bad, the ugly and the future**  
Dr Chris Pollard, AstraZeneca
- 10:40** **Screening strategies for drug-induced liver injury**  
Dr James Sidaway, Independent
- 11:20** **In vivo models in safety and toxicity: cross-company data sharing to assess what works and what doesn't**  
Dr Kathryn Chapman, NC3Rs
- 12:00** Lunch and exhibition
- 13:30** **Investigative approaches to address toxicological issues in drug discovery and development: case examples**  
Dr Monicah Otieno, Bristol-Myers Squibb
- 14:10** **Designing in safer chemistry space: the use of multiparametric models in predicting drug safety**  
Dr Bill Pennie, Compound Safety Prediction Group, Pfizer Worldwide Medicinal Chemistry
- 14:50** **Early safety evaluation: combining polypharmacology predictions and network biology to prioritize experimental testing**  
Dr Cedric Merlot, Drugdesigntech SA
- 15:15** Refreshments
- 15:45** **Big data analysis - application for designing safer drugs**  
Dr Edward J Griffen, MedChemica Ltd
- 16:10** **Improving toxicity predictions to design safer acidic molecules**  
Dr Nigel Swain, Pfizer Worldwide Medicinal Chemistry
- 16:35** **Influence of early safety science in drug discovery**  
Dr Mark Anderton, AstraZeneca
- 17:00** Closing remarks
- 17:10** Wine reception



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## Programme

- 09:20** Registration and refreshments
- 09:50** Welcome and introduction
- 09:55** **Data mining ChEMBL for new leads against new targets**  
Dr John Overington, European Molecular Biology Laboratory -  
European Bioinformatics Institute (EMBL-EBI)
- 10:35** **Fatty Acid Synthase (FAS) triazolone inhibitors: good potency & properties but a metabolic liability?**  
Dr Cliff Jones, AstraZeneca
- 11:00** **Stabilised receptor enabled structure based drug design: identification of dual orexin receptor antagonists (DORAs)**  
Dr Sarah Aves, Heptares
- 11:25** Refreshments
- 11:45** **Squaramides: physical properties, synthesis & application in medicinal chemistry**  
Dr Ian Storer, Pfizer
- 12:10** **Fragment-based drug discovery for a protein-protein interaction target: from mM fragments to nM dual antagonist of XIAP and cIAP1**  
Dr Emiliano Tamanini, Astex
- 12:35** **The monster mas agonist – revealing the beauty in the beast**  
Dr Simon Peace, GlaxoSmithKline
- 13:00** Lunch and exhibition
- 14:00** **A tale of two MEK inhibitors – the difficulty of preclinical differentiation**  
Dr Henrik Moebitz, Novartis
- 14:25** **Structure-guided design of BH3-mimetic Mcl-1 inhibitors**  
Dr Jonathan Hollick, Evotec
- 14:50** **Recent advances in designing inhaled small molecule therapeutics**  
Dr Lilian Alcaraz, Argenta
- 15:30** Refreshments
- 15:50** **Designing membrane permeable 'large' molecule NS5A inhibitors**  
Dr David Pryde, Pfizer
- 16:15** **Discovery of ATR selective inhibitors for the treatment of cancer**  
Dr Joanne Pinder, Vertex
- 16:40** **Matched triplicates in the optimisation of a novel series of glucokinase activators**  
Dr Mike Waring, AstraZeneca
- 17:20** Closing remarks
- 17:25** Wine reception

Booking Rate before 29 Aug 2014

**One-Day Fee**

SCI Member One-Day.....	£100
SCI Student One-Day.....	£35
Non-Member One-Day.....	£130

**Two-Day Fee**

SCI Member Two-Days.....	£175
SCI Student Two-Days.....	£60
Non-Member Two-Days.....	£235

Booking Rate after 29 Aug 2014

**One-Day Fee**

SCI Member .....	£115
SCI Student .....	£40
Non-Member .....	£150

**Two-Day Fee**

SCI Member Two-Days.....	£205
SCI Student Two-Days.....	£70
Non-Member Two-Days.....	£270

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