



ADMET 2015

Wednesday 13 May 2015

SCI, London, UK

Organised by SCI's Young Chemists' Panel

ADMET 2015

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Synopsis

The aim of the day is to provide participants with a practical understanding of ADMET parameters, how to diagnose common ADMET problems and how to improve compound design to overcome these problems.

Attendees

The event is aimed at organic chemists (graduate or PhD) working within a pharmaceutical research environment and students thinking about a career in this sector. Participants are provided with a booklet containing the material presented, worked examples and literature references.

Registration

Standard rates from Monday 13 April: SCI Members £140, Non-Members £205, SCI Student Member £50, SCI Subsidised Members £100* (*criteria applies)

Exhibition

For information on exhibition and sponsorship opportunities, please email jacqui.colgate@soci.org.

With thanks to our sponsor



For further details:

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Programme

► Absorption

- Practical understanding of concepts and parameters
- How do you know you have a problem?
- Sources of problem – Solubility, Permeability, PGP Efflux
- Chemical strategies to improve absorption
- Worked examples

► Metabolism and clearance I

- Practical understanding of concepts and parameters
- How do you know you have a problem?
- Sources of problem - Phase I / Phase II Metabolism
- Chemical strategies to address metabolism
- Worked examples

► Metabolism and clearance II

- Cytochrome P450s and Drug-Drug interactions
- Volume of distribution – how to understand and influence
- Plasma protein binding – impact and influence
- Worked examples

► Drug toxicity and toxicology

- Context and common issues
- Design strategies to mitigate risks of hERG, phospholipidosis, reactive metabolites and genotoxicity

Speakers

Ted Parton, UCB
Peter Astles, Eli Lilly
Darren McKerrecher, Astrazeneca

