

2025

SCI®'s FINE CHEMICALS GROUP & YOUNG CHEMISTS' PANEL



CONFERENCE PROGRAMME

The Fine Chemicals Group (FCG) is the largest technical interest group in SCI®. Its wide-ranging interests include medicinal chemistry and drug discovery, process and development chemistry, colour chemistry, flavour and fragrance chemistry, and general organic chemistry, with a particular focus on new and important aspects of synthetic chemistry.

SCI®'s Young Chemists' Panel (YCP) was established in 1990 and is closely affiliated with the Fine Chemicals Group. The Committee comprises younger members of the chemical sciences community from industry and academia.

[Click event name to visit webpage.](#)

FEBRUARY



SCI®-RSC Demystifying reaction kinetics

SCI®, in collaboration with RSC, are organising a one-day 'Demystifying reaction kinetics' event. This event is aimed at non-experts, with the intention to give the audience an understanding of basic concepts, typical workflows in the lab with concrete examples, typical information kinetics can give, and how kinetics can help solve common issues encountered during reaction development. The day will include tutorial lectures from top academics, case-studies from leading pharmaceutical industries, poster presentations, and networking sessions.

DATE:

**Thursday
6 February
2025**

LOCATION:

**AstraZeneca,
Macclesfield,
UK**



Highlights in catalysis, photo- & electrochemistry

As part of SCI® YCP's "Highlights in..." series, this event will celebrate recent advances in modern organic synthesis, providing an exciting overview of new methodologies and industrial applications. Held over two days, the meeting will explore two hot topics: Catalysis, and Photo- and electrochemistry. Research discussed will range from asymmetric catalysis to photocatalysis to computational studies of organometallic catalysts.

DATE:

**Tuesday 11
- 12 February
2025**

LOCATION:

**SCI®
London, UK**



Chemist in industry

Solving chemistry problems is central to so many industries and it is the people in the laboratories who make this happen. This is a meeting to celebrate and recognise that community. It presents an opportunity to learn how problems are overcome with new chemical methodology and technology in different industries. Prizes will be awarded for the best talk and runners-up.

DATE:

**Wednesday
19 February
2025**

LOCATION:

**Alderley Park,
UK**

Visit www.soci.org/events for more information.

FEBRUARY



What a chemist needs to know about biology 1: In vitro biology

This event is aimed at helping attendees understand the features and challenges of biology in pharmaceutical research. Lectures will improve your understanding of biochemistry and improve interactions with biology colleagues. You will have the opportunity to ask questions after the lectures and develop deeper knowledge.

DATE:
Tuesday
25 February
2025

LOCATION:
SCI®
London, UK



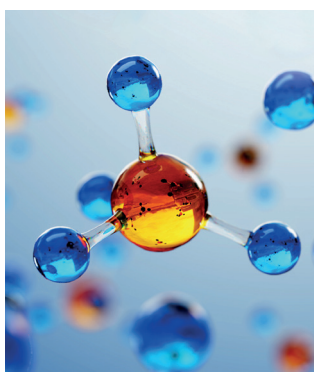
ADMET 2025

This is the 9th event organised by SCI®'s Young Chemists' Panel to highlight the challenges associated with ADMET (Adsorption, Distribution, Metabolism, Elimination and Toxicity) in Medicinal Chemistry. The aim 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.

DATE:
Wednesday
26 February
2025

LOCATION:
SCI®
London, UK

MARCH



12th SCI®/RSC Retrosynthesis competition 2025

This event will showcase the calibre of UK chemists from both industry and academia and provide a platform for them to demonstrate their retrosynthetic and forward synthetic prowess. Entries will be shortlisted to a final 10 teams who will then be invited to present before their peers and the judges. Following the presentations, an exciting line up of the UK's leading academic and industrial synthetic chemists will judge the event, with the top three teams winning specifically designed trophies.

DATE:
Friday
7 March
2025

LOCATION:
RSC,
London, UK



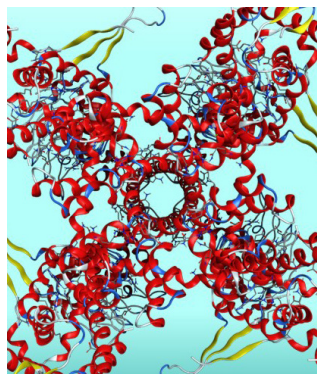
SCI® Medicinal Chemistry Workshop (Online webinar)

The workshop is based on an interactive, team-based game that allows you to explore various aspects of the drug discovery process. Delegates will work together in teams with peers from other organisations and the learning experience facilitated by a dedicated and diverse team of experienced professional medicinal chemists.

DATE:
Thursday
13 March
2025

LOCATION:
Online
webinar

MARCH



8th SCI[®]-RSC Symposium on Ion Channels as Therapeutic Targets

Ion channels are important targets for therapeutic intervention due to their extensive roles in human physiology and the pathophysiology of disease. Many successful drugs targeting this gene family have been discovered for diseases such as hypertension, epilepsy, and neuropathic pain. This symposium, the 8th in an ongoing series, will showcase the most recent advances to aid the design of new ion channel therapeutics and promote interaction between scientists with a shared interest in the field of ion channel drug discovery.

DATE:
Monday
31 March
- Tuesday 01
April 2025

LOCATION:
Cambridge,
UK

APRIL



41st SCI[®] Process Development Symposium

Process Development is the application of chemistry to the scale up of new synthetic processes from the laboratory, through pilot plant to full scale commercial manufacture and into life cycle management. It is an extremely broad discipline, crossing the boundaries between synthetic organic chemistry, process technology and chemical engineering.

The area of Process Development continues to be a challenging and important area for the research into and application of modern synthetic organic chemistry, as well as enabling technologies.

DATE:
Wednesday
2 - Friday 4
April 2025

LOCATION:
Churchill
College,
Cambridge,
UK



SCI[®]-RSC Workshop on Computational Tools for Drug Discovery 2025

This workshop offers a unique opportunity for delegates to try out a range of software packages for themselves, with expert tuition in different aspects of pre-clinical drug discovery. Attendees will be able to choose from sessions covering data processing and visualisation; ligand and structure-based design, or AD-MET prediction run by the software providers. All software and training materials required for the workshop will be provided for attendees to install and run on their own laptops and use for a limited period afterwards.

DATE:
Tuesday
8 April
2025

LOCATION:
The Studio,
Leeds, UK

MAY



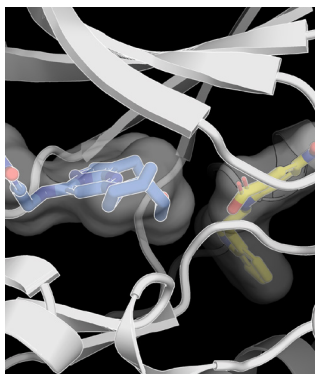
35th SCI[®] Fine Chemicals Group Postgraduate Symposium

This conference will showcase exceptional research from final year PhD students and provides the opportunity to network and share ideas. The subjects covered will be wide ranging within organic chemistry such as synthesis, mechanistic studies, methodology, medicinal chemistry or analysis and computational. The majority of attendees are expected to be academic and industrial researchers including postgraduate students who will be presenting their work, but this event is open to all and free to attend.

DATE:
Friday
9 May
2025

LOCATION:
University of
Strathclyde,
UK / Online
Webinar

MAY



11th SCI®-RSC Symposium on Kinase Inhibitor Design

The 11th SCI®-RSC symposium on kinase inhibitor design will encompass plenary lectures on emerging topics and case studies of ongoing programmes as well as successful past programmes. A range of topics including brain penetrant and inhaled kinase inhibitors, kinase chemical probes, allosteric modulators, targeted kinase protein degradation and kinase inhibition for non-oncology indications will be covered, along with views and perspectives on the future of kinase modulator research.

DATE:
Monday
12 - Tuesday
13 May
2025

LOCATION:
Royal College
of Physicians
Edinburgh,
UK



Innovations in crop protection

This conference will highlight how contributions in organic chemistry, machine learning and chemical biology have assisted synthetic chemistry projects in agrochemical research. These talks will showcase the evolution of crop protection products during the R&D phase and highlight the newest trends in the design of bioactive compounds with the approaches taken in both industry and academia to support the identification of potentially new and novel crop protection solutions.

DATE:
Wednesday
14 May
2025

LOCATION:
SCI, London,
UK

JUNE



New modalities: Innovations in RNA therapeutics

In addition to therapeutics that directly target RNA binding, there have also been recent advances in discovery of RNA epigenetics, splicing modulators and modulators of transcription/translation. RNA degradation by RiboTACs or RiboSNAPs is also opening significant innovative opportunities in this complex and expanding research area.

The SCI® “New modalities” series comprises focussed in-person events and this year’s symposium brings together world-class scientists at the forefront of RNA research.

DATE:
Wednesday
11 June
2025

LOCATION:
SCI, London,
UK