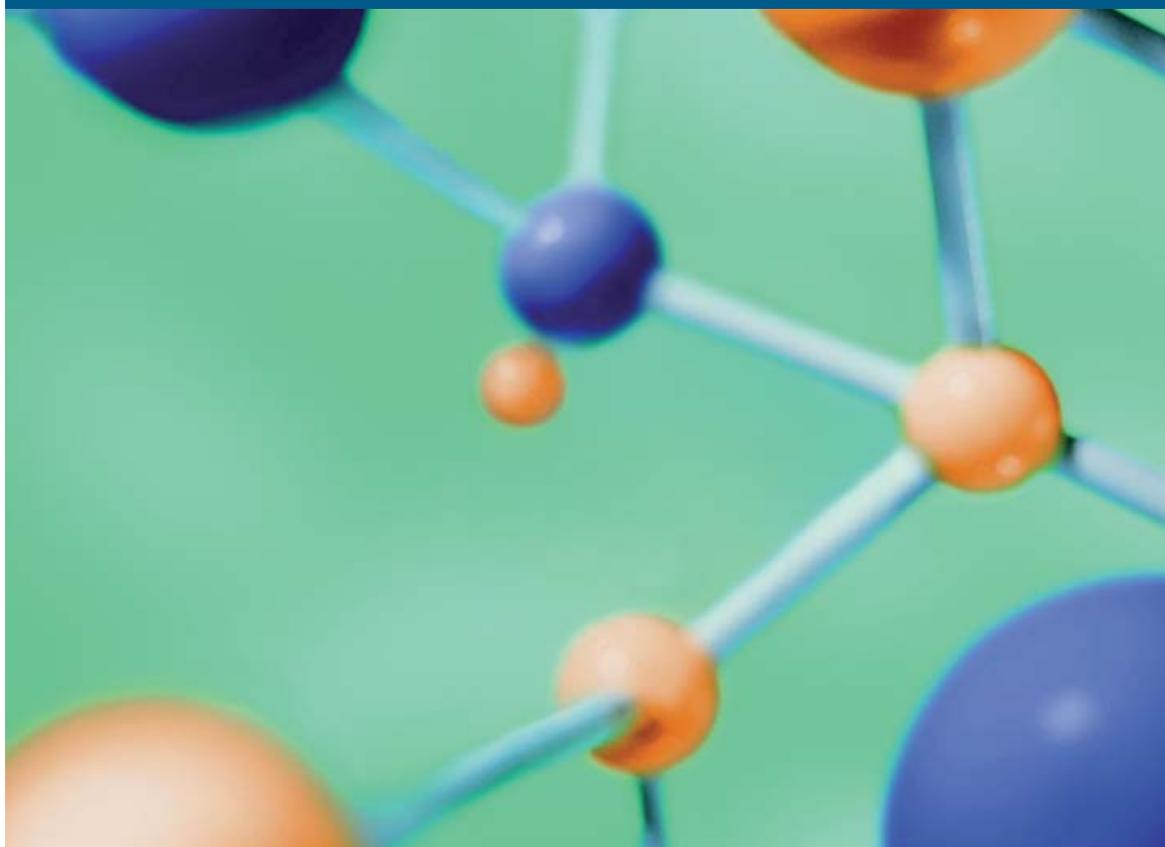


# Chemistry for Non-Chemists

Tuesday 19 - Wednesday 20 February 2008  
Citilodge Hotel, Nottingham, UK



Organised by the Young Chemists' Panel  
of the SCI Fine Chemicals Group

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# PROGRAMME

## Tuesday 19 February

- 12.30 Registration with Lunch
- 14.00 Lecture 1 - Atoms, Electrons and Bonds  
Joe Harrity
- 14.45 Tutorial 1
- 15.30 Refreshment Break
- 15.45 Lecture 2 - Electron Movement, Aromaticity and Functional Groups  
Joe Harrity
- 16.30 Tutorial 2
- 17.15 Refreshment Break
- 18.00 Dinner
- 19.00 Lecture 3 - Shape and Isomerism  
Chris Frost
- 19.45 Tutorial 3
- 20.30 Pub Quiz

## Wednesday 20 February

- 08.00 Breakfast
- 09.00 Lecture 4 - Stereochemistry  
Chris Frost
- 09.45 Tutorial 4
- 10.30 Refreshment Break
- 10.45 Lecture 5 - Acidity and pKa  
Joe Harrity
- 11.30 Tutorial 5
- 12.15 Lunch
- 13.15 Lecture 6 - Lipophilicity  
Chris Frost
- 14.00 Tutorial 6
- 14.45 Round-up Lecture - Cimetidine  
Chris Frost and Joe Harrity
- 15.15 Closing Remarks
- 15.45 Departure

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## SYNOPSIS

### Aims of the course

This is the fourth course organised by the SCI Young Chemists' Panel on Chemistry for Non-Chemists. The aims of this course are to provide the participant with an opportunity to gain an understanding of the basic principles of organic and physical organic chemistry and their relation to drug molecules. Time has been included for tutorials to allow the participant an opportunity to gain a fuller understanding of the topics covered in the lectures through worked examples. As such the course has been extended to 2 days and is therefore residential. Detailed notes of every lecture and tutorials will be provided for each participant. Course Tutors will be:

**Dr Joe Harrity, University of Sheffield & Dr Chris Frost, University of Bath**

### Who is the course aimed at

The course is therefore primarily targeted at scientists working in the Pharmaceutical industry who have exposure to varying aspects of chemistry within their role and who work alongside organic chemists in project teams, e.g. bioscientists, pharmacists and process engineers. By the end of the course participants will be better placed to interact in a multi-disciplined environment with their project chemists.

## ORGANISING COMMITTEE & SPONSORSHIP

**Rebekah Beevers, UCB**  
**Dave Carbery, University of Bath**  
**George Kirk, AstraZeneca**

Sponsorship of this event is kindly provided by AstraZeneca

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Fee includes: Attendance at all technical sessions and other events, refreshments, lunches and dinner as detailed in the final programme, bed and breakfast at the Citilodge Hotel on Tuesday 19 February

Please tick appropriate box.

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