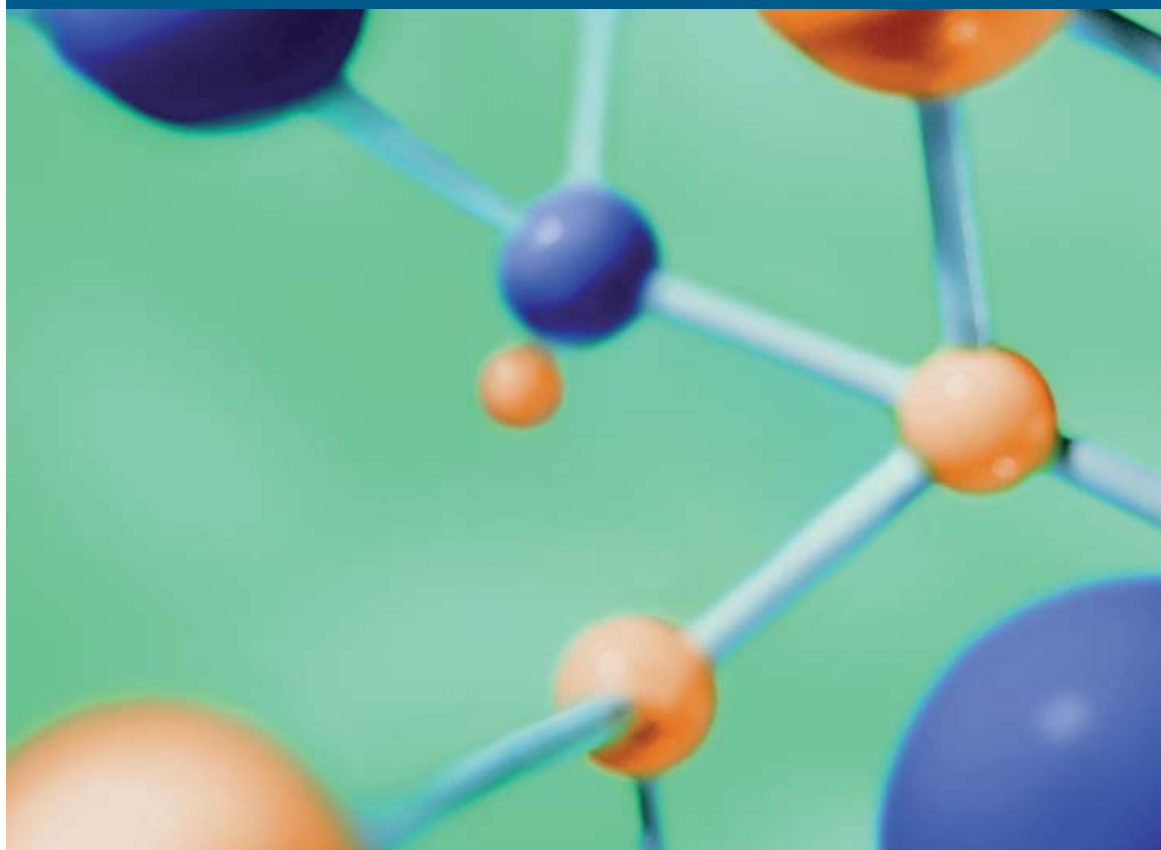


Chemistry for Non-Chemists

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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Chemistry for Non-Chemists

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