Separation Science in an Evolving Pharmaceutical Industry

Chromatographic Society Spring Symposium & AGM
Wednesday and Thursday 30th-31st May 2012,
Stadium of Light, Sunderland, UK

FOR REGISTRATION VISIT  www.chromsoc.com

FOR EXHIBITOR DETAILS, contact: paul.ferguson@astrazeneca.com

STUDENT BURSARIES AVAILABLE!!!! contact: chromsoc@meetingmakers.co.uk
The theme for this meeting is ‘Separation Science in an Evolving Pharmaceutical Industry’. The format will be our now traditional 1.5 day meeting commencing on the lunchtime of the 30th May. As a result of the pertinent topic, the line-up of Pharma-involved speakers we have recruited and the format for this meeting, we believe this will be a highly interesting event.

The opening sessions on Wednesday 30th will mark a return to the pattern that existed up to the mid-1990s with the Spring Symposium consisting primarily of state-of-the-art overviews covering core areas of separation science, obviously in this case relevant to pharmaceutical Discovery, Development and Production. The Wednesday evening social event, themed around the evolving pharmaceutical industry, will take place in the University of Sunderland’s newly refurbished Sciences Complex. On Thursday, rather than having sessions on the individual stages of the R&D cycle there will be two sessions covering all aspects of separation science in Discovery to the Market. The scientific programme over the two days will be concluded with a final session on the afternoon of the 31st which will be an open forum led by short presentations by some of the principal speakers from the meeting. Two years ago, the Society addressed the future of separation science in the UK. This discussion will be different as it will address, not as before the general health of UK separation science, but more the direction the science needs to move in the context of a transforming pharmaceutical industry.

There will also be a suppliers (both instrument and consumables) exhibition during the meeting and a poster session integrated into the programme.

The Stadium of Light Banqueting Suite (above) can accommodate up to 200 delegates (theatre-style), 15 exhibition stands and ample space for catering all in one room.
Separation Science in an Evolving Pharmaceutical Industry

Day 1

12:00 Registration (book for Stadium Tour if required), exhibition and light buffet lunch

13:00 Welcome address – John Lough (University of Sunderland)

Session 1: State of the art in pharmaceutical separations
Chair: Alan Handley

13:15 Keynote Lecture 1: Dr Chris Riley (Riley and Rabel Consulting, USA) - 60 Years of Liquid Chromatography for the Determination of Impurities in Pharmaceuticals
14:15 Keynote Lecture 2: Dr Adrian Clarke (Novartis, Switzerland) – Current Frontiers in Drug Chiral Separations.

15:00 Tea Break

Session 2: State of the art in analytical technology
Chair: Dr Paul Ferguson

16:05 Dr Jim Thorn (Beckman Coulter Inc.) – Use Of Capillary Electrophoresis in a Quality Control Environment for Therapeutic Proteins
16:40 speaker tbc – Recent Developments in LC Column Technology: an overview

Evening Function at Sciences Complex, University of Sunderland

18.30 tours of complex, dinner and presentations/discussion on The Evolving Pharmaceutical Industry: Regional and Global Perspectives

Day 2

9:00 Arrival and coffee

Session 3: Separation Science out of Sunderland
Chair: Dr Roger Reeve

09:20 Dr John Lough (University of Sunderland) - Supporting Pharma from Discovery to the Market
10:00 Dr Lee Williams (University of Sunderland) - Separation Science for Metabolomics

10:40 Tea Break
Session 4: Application Areas  
Chair: Prof Melissa Hanna-Brown

11:00  **Dr Kristin Downey** (NewChem, Newcastle) – *Analytical Challenges in Stability Testing of Pro-Drugs.*

11.25  **Dr Paul J Russell** (Unilever, Northampton) – *The role of chromatography in complex toxicological risk assessment.*

11.50  **Sarah Chow** (NHS Blood Transfusion Services, Newcastle) – *Cleaning Validation in the Pharmaceutical Industry: Regulations and Analytical Approaches.*

12:15  Lunch (sponsored by ThermoScientific) & Exhibition

13:00  The Chromatographic Society AGM

Session 4: Key Issues in Pharmaceutical Development  
Chair: Dr Chris Riley

14:00  **Dr Andrew Teasdale** (AstraZeneca, Macclesfield) – *Genotoxic Impurities: strategies for identification and control.*

14:45  **Prof. Melissa Hanna-Brown** (Pfizer, Sandwich) – *in silico RP-HPLC Method Development – Myth or Reality?*

15:30  Tea break

Session 5: Future Separation Science Directions  
Chair: Dr John Lough

15:50  Discussion Forum led by contributions from Dr Chris Riley, Prof Melissa Hanna-Brown and representatives from vendor companies - *Application of Future Separation Science Directions: still Big Pharma small molecule driven, BioPharma driven or no longer Pharma driven*

16:50  Closing Address: Dr John Lough
Registration

(in association with RSC (North East Region) Analytical Division)

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The following costs cover, full registration, and attendance at all sessions, reception, evening social event, lunches and exhibition:

Members of Chromatographic Society\textsuperscript{a} £180 (incl. VAT)

Non-Members\textsuperscript{b} £240 (incl. VAT)

Students\textsuperscript{c} and Retired £75 (incl. VAT)

\textsuperscript{a} This rate is also available to current (01:03:12) members of RSC (North East Region) Analytical Division, RSC C&E Group, BMSS and EuSSS

\textsuperscript{b} Non-members are encouraged to join The Chromatographic Society (online at \texttt{www.chromsoc.com})

\textsuperscript{c} A limited number of student bursaries are available; please contact Meeting Makers (\texttt{chromsoc@meetingmakers.co.uk}) for further details.

We are accepting both postal and electronic registrations as follows:

1. Postal: please complete the attached form and send with cheque, to Meeting Makers at the address shown below.

2. Electronic: please register on-line and pay with a credit card by visiting our website (\texttt{www.chromsoc.com}) and using the link on our Events Page.
Registration Form

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“Separation Science in an Evolving Pharmaceutical Industry”

Cheques made payable to the "The Chromatographic Society" should be sent to:

The Chromatographic Society, Secretariat
c/o Meeting Makers
Jordanhill Campus, 76 Southbrae Drive, Glasgow, G13 1PP
Telephone: +44 (0)141 434 1500 Fax: +44 (0)141 434 1519
e-mail: chromsoc@meetingmakers.co.uk

Registration fees, include access to all scientific sessions, lunches and evening social event.
Members rate also available to current (01:03:12) members of RSC (North East Region) Analytical Division, BMSS, RSC C&E Group and EuSSS affiliated societies.

A limited number of student bursaries are available – apply using e-mail address above).

If claiming members (visit www.chromsoc.com to join) rate;

Affiliation: .................................Membership number: .........................

I enclose a cheque for £ ............... made payable to the “The Chromatographic Society”

I wish to present a poster at this meeting □

Name (block capitals) ..........................................................................................................................

Address ................................................................................................................................................
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Tel: ................................................................... Fax: ..............................................................

e-mail: ........................................................................................................................................

Alternatively:

PAYMENT BY CREDIT/DEBIT CARD
Please debit my Visa/MasterCard for the amount above (*delete as applicable)
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Security digits (These are the last three numbers on the paper strip on the reverse of your credit
card) ...............................................................................................................................

Name and Address of Card Holder (if different from above)

Name (block capitals)

Address .............................................................................................................................................
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Signature of Cardholder: ................................................. Date .................................................
ACCOMMODATION

Accommodation for the meeting is available at nearby hotels. Delegates should contact the hotel directly to make a booking.

Best Western Roker Tavistock Hotel
Roker Terrace
Sunderland
SR6 9ND

Travelodge Sunderland Central
Low Row
Sunderland
SR1 3PT

Premier Inn Hotel Sunderland North West
Timber Beach Road (off Wessington Way)
Castletown
Sunderland
SR5 3XG

Premier Inn Hotel Sunderland West
Wessington Way
Castletown
Sunderland
SR5 3HR

Marriott Sunderland Hotel
Queen’s Parade
Seaburn
Sunderland
SR6 8DB

Quality Hotel Sunderland
Witney Way (jct. A19/A184)
Boldon
NE35 9PE

Ramside Hall Hotel
Carrville
Durham
DH1 1TD

A full listing of nearby hotels (giving guest rates and distance from the Stadium of Light) is available on The Chromatographic Society website (www.chromsoc.com)
Directions to the Stadium of Light

The Sunderland Stadium of Light, Sunderland, SR5 1SU

The Stadium of Light is situated on the banks of the River Wear on the outskirts of Sunderland City Centre. Contact details for the stadium are:

Tel: +44 (0)871 911 1200
Fax: +44 (0)191 5515123
Email: enquiries@safc.com
Website: www.safc.com

By car:

From the A19 from Northbound and Southbound, take the A1231 (Sunderland North) turn off. After 4 roundabouts keep the to the left hand lane and follow signs for B1289 (Roker). Continue off this road and you will see the stadium on your right.
By rail:

Sunderland’s train station is approximately a 10-15 minute walk from the stadium. Sunderland train station links to the British Rail network and Metro system.

By Metro:

The Metro network is the North-East equivalent of the London Underground. The stadium is close to two Metro stations – St. Peter’s or the Stadium of Light.

By air:

Getting to Sunderland from further-a-field is possible. The easiest connection is to travel to Newcastle International Airport (which has direct links to numerous European cities) and take the Metro direct to the stadium. Travel time to the Stadium from the airport via the Metro is around 50 minutes. A single ticket will cost around £2.90. A taxi from the airport to Sunderland will be around £25 and take 20-40 minutes (depending on traffic).

Other than British Airways from Heathrow, airlines that fly to Newcastle International airport include Easyjet, Air France, Brussels Airlines, KLM, Lufthansa, Jet 2, and Cimber. Please see Newcastle International Airport web site for a comprehensive list of carriers.