

# Chromatography Focus

## THE CHROMATOGRAPHIC SOCIETY TRIAD SYMPOSIA



Chris D. Bevan and Denise Wallworth

To mark its golden jubilee year, the Chromatographic Society is mounting its most ambitious programme of conferences with a set of three symposia to be held at three leading pharmaceutical company sites and supported by major vendors serving separation science. Experience a unique opportunity to gain an insight into how and why the latest separation techniques are being used in Big Pharma R&D.

Don't leave it too late to register - we expect these symposia to be quickly booked. You will note that the Chromatographic Society, as a registered scientific charity, has subsidised the registration fees to eliminate budgetary limitation being a potential bar to your attendance.

Please see below for dates, venues and Provisional Programmes.



AstraZeneca R&D Charnwood, Loughborough  
October 11th (1 day)



Pfizer PGRD, Sandwich, Kent  
October 24th/25th (1½ days)



GSK, Stevenage, Hertfordshire  
November 21st/22nd (1½ days)

### Author Details:

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### ASTRAZENECA R&D CHARNWOOD OCTOBER 11TH 2006

The first TRIAD symposium has a theme of Extreme Separations.



AstraZeneca Building, Charnwood

#### Registration

From 08.45am, programme starts at 09.30 and closes at 17.00, with a lab tour to 18.00.

#### Keynote speakers

Prof. Roger Smith (University of Loughborough);  
*What are the temperature extremes for HPLC?*

Dr Anthony Edge (AstraZeneca)  
*Extreme Chromatography*

Dr Craig White (Lilly Research)  
*Using SFC as a routine Discovery Chemistry support tool: extreme separation or new expectation?*

Dr Stephen Wren (AstraZeneca)  
*High efficiency LC- HTLCLUPLC*

Presentation of the Chromatographic Society Jubilee Medal to Dr Stephen Wren.

Dr Roman Szucs (Pfizer)  
*UPLC in development*

Prof Ian D Wilson (AstraZeneca)  
*UPLC- Biomarker Discovery and complex mixture analysis*

#### Technical presentations from:

Waters, Andy Craze

*Pushing small particle LC separations to the extremes*

Shimadzu, Dr Helen Lomax  
*High temperature LC,*

Dionex, Dr Ken Cook  
*High temperature LC*

Polymer Labs, Alison McHugh  
*Size Exclusion LC under extreme conditions*

Agilent, Stephan Buckenmaier  
*Routine use of Nanospray LC/MS with HPLC-Chips*

#### The following companies will also be exhibiting latest developments:

Alltech, Anachem, ESA, Hichrom, Phenomenex, Thermo & Sigma-Aldrich

### PFIZER PGRD, SANDWICH OCTOBER 24TH/25TH 2006

The theme for the second TRIAD symposia is New Directions for Separation Science in Drug Discovery and Development



Pfizer PGRD Building, Sandwich, Kent

#### Registration

From 12.00pm on day one, programme starts at 13.00 and closes at 16.30; Gala dinner at the International Study Centre, Canterbury (guided tour of Canterbury Cathedral at 19.00, dinner at 20.00; day 2 commences 09.00 and closes at 16.15pm.

#### DAY 1: HIGH RESOLUTION SEPARATIONS

##### Keynote speakers

Prof Pat Sandra (PARC, University of Ghent)  
*Towards high resolution in fluid-based separation techniques for the analysis of pharma- and bio-molecules*

Prof David Perrett (St Bartholomews Hospital)  
*Separation Science: from clinical analysis to metabolomics and back!*

Dr Philip Grace (HFL)  
*µHPLC/MS for Bioanalysis: high pressure chromatography for a high pressure business.*

##### Technical presentations from:

Agilent, Tobias Preckel  
*Offgel electrophoresis and LC/MS – a new multidimensional approach to mining of low abundant proteins in complex samples*

Anachem, Chris Wingad  
*Trilution LC Software Designed for Purification and Fraction Collection*

Dionex, Khalis Divan  
*Extracting more information from difficult samples with 2D chromatography and 3D amperometric detection.*

Grace, Neil Herbert  
*Applications and Recent Developments in Evaporative Light Scattering Detectors.*

**DAY 2: NEW DIRECTIONS IN DRUG DISCOVERY**

Dr Bob Boughtflower (GSK)  
*How to avoid evaporating purified fractions! ...development of an on-line sample isolation and recovery process for HT purification systems*

Dr Adrian Wright (Pfizer Discovery)  
*Development of a new automated purification platform for Pfizer Discovery.*

Dr Andy Wright (AstraZeneca)  
*High throughput analysis and purification - where can we go faster?*

Dr Norman Smith (Kings College)  
*Investigation of long alkyl chain reversed-phase, ion-exchange and HILIC monolithic stationary phases*

Dr Yining Zhao (Pfizer, Groton)  
*Feasibility and Limitations of applying chip-based HPLC to drug development: applications to small molecule analysis*

Dr Frank Smith (Deltadot, UK)  
*Label-Free Intrinsic Imaging Detection as an enabling technology for CE and Microfluidics*

Prof Alain Berthod (University of Lyon)  
*Why a liquid stationary phase is so interesting in separating and purifying molecules*

Dr Ray Bemish (Pfizer, Groton)  
*Ab Initio Chromatography; Silica in Silico.*

**Technical presentations from:**

Polymer Labs, David Taylor  
*Enhanced detection of semi-volatile compounds using sub-ambient ELSD.*

Thermo, Suki Kandola  
*Optimising chromatographic performance when using columns packed with sub-2µm particles.*

Waters, Andy Craze  
*Building LC columns for 21st century chromatography*

Shimadzu, Neil Loftus;  
*Increasing the likelihood of confirming metabolite identification using high mass accuracy MSn analysis*

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Agilent, Alltech, Anachem, ESA, Hichrom, Phenomenex, Sigma Aldrich, Thames Restek, Presearch, Varian & deltaDOT

**GSK, STEVENAGE NOVEMBER 21ST/22ND**

The theme for the third and final symposium in the TRIAD series is: Exploiting Instrumentation and Automation to Support Pharma R&D



GSK, Stevenage, Hertfordshire

**Registration**

From 12.00pm on day one, programme starts at 13.00 and closes at 16.30; Gala dinner sponsored by Waters at the Rotunda Restaurant, GSK, Stevenage (arrive at 19:30 for drinks with dinner at 20.00); day 2 commences 09.00 and closes at 16.15pm.

**DAY 1:**

**Keynote Speaker:**

Jim Waters (Cetek and founder of Waters Associates)  
*The early days of LC.*

Presentation of the Chromatographic Society Martin Medal to Jim Waters

Merrill Davies (BMS)  
*Automated Multi-dimensional HPLC*

Dr Chris Bevan & Klara Valko (GSK, Stevenage)  
*Hot properties and how to develop them*

Dr Melissa Hanna-Brown (Pfizer)  
*Experiences with sub-2µm particles*

**Technical presentations from:**

Dionex (LC solutions for chemical entities)  
*Agilent, Alltech, Anachem & Merck*

**DAY 2:**

Dr. Mike Webb (GSK Stevenage)  
*Analytical Chromatography in Drug Substance Development - the old and new challenges.*

Dr Mel Euerby (AstraZeneca, Charnwood)  
*Column characterisation with fast DryLab gradients.*

Dr Ajit Shah (GSK Harlow)  
*Measuring signalling molecules in the brain using hplc-fluorimetry-ecd-ms<sup>2</sup>*

Dr Phil Clarke (Pfizer)

Dr Ian Mutton (GSK Stevenage)  
*Chromatographic and Detection Strategies for Drug Discovery.*

Dr John Reilly (Novartis)  
*Integration of a CAD detector for routine analysis in Discovery.*

Dr Christine Eckers, (GSK Chemical Development)  
*An investigation into the use of Ion Mobility techniques combined with LC and MS for the detection and measurement of trace impurities in formulated drug products*

Prof David Goodall (University of York)  
*A new miniature UV imaging detector based on active pixel technology: applications with single and multiplexed capillary separations.*

**Technical presentations from:**

Varian, Shimadzu

Alltech, Dr Neil Herbert  
*Applications and Developments in sub-2µ HPLC,*

Waters, Andy Craze  
*UPLC and smart detectors – tools for higher throughput screening*

Thermo  
*Optimizing LC systems for use with sub-2µm particles based upon Accela and 1.9µm Hypersil GOLD*

Agilent, Doug McIntyre  
*An LC/MS System designed for rapid high throughput analysis of pharmaceutical compounds.*

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ESA, Hichrom, Phenomenex, Sigma Aldrich, Thames Restek & Presearch

**REGISTRATION INFORMATION**

Registration can be made via the web site: [www.chromsoc.com](http://www.chromsoc.com) and click on 'Events'

**AZ SYMPOSIUM**

Chromatographic Society & BMSS members

Including student and retired members .....£75+VAT = £88.10

Non-members.....£90+VAT = £105.75

**GSK/PFIZER SYMPOSIA (PER MEETING)**

Chromatographic Society & BMSS members

Including student and retired members .....£100+VAT = £117.50

Non-members.....£120+VAT = £141.00

**Please note there will be an additional contributory charge of £10 for each of the Pfizer and GSK celebratory dinners for those wishing to attend these evenings.**

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