

Chromatography Focus



BIG PREP 5

Once again the 5th in the series known as 'Big Prep', the highly successful and well respected symposium on the subject of Preparative Chromatography, will be held at the GlaxoSmithKline Medicines Research Centre at Stevenage, UK on the 17/18th September. The two-day symposium and exhibition will be reviewing the field of preparative separation science and its application to the purification of potential drugs.

From nano-scale laboratory isolations to industrial process scale production, this conference will attract leading scientists to present and discuss the latest developments in these important areas of science and technology.

There will be a trade exhibition running throughout the meeting and thanks are expressed to all of the sponsoring companies with a small number of spaces still existing for interested parties.

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The Major Symposium on the Topic of 'Preparative Chromatography' to be Held in Europe this year – Registration Now Open.

THE PROGRAMME

As ever the line up of speakers will be an enthralling mix of internationally recognised experts who are well practiced in the art of preparative separation science from milligrams to kilograms with both small and large molecules under discussion.

Confirmed speakers include Dr Bob Boughtflower of GSK and collaborating company, Shimadzu UK Plc. Dr Boughtflower will explain a novel means for separating putative drugs and isolating them ready for bio-testing, in his invited lecture entitled: 'Generic isolation of compounds from purification processes using Solid-Phase Trapping - Opportunities to avoid evaporation and provide high weight-purity compounds'.

Dr Chris Thickett (GSK) has been invited to speak on his experiences in impurity isolation and he intends to focus on problems of loadability, instability and high polarity. Dr Thickett will openly share some experiences that should be of interest and practical application to others encountering similar problems.

Dr Dan Kune's (YMC GmbH, Dinslaken, Germany and YMC Co, Ltd, Ishikawa, Japan) presentation will explore the purification of important bio-molecules, for example, monoclonal antibody and DNA, comparing different techniques and combinations of ion exchange with size exclusion or reversed phase chromatography.

Dr Brian Freer (Chiral Technologies Europe) will present a lecture entitled, 'Finding the Best Chiral Separation - screening of multiple chiral phases to increase productivity', an area of interest to many scientists who are faced with the often difficult problem of enantiomeric separations.

Dr Thomas Kaiser (Fuji Silysia) will introduce a novel ACD-Silica – a new surface modification for NP-liquid chromatography. Fuji Silysia offers two new acid 'ACD' alternatives, which have different acidic groups covalently bound on the surface of the silica. This matrix offers benefits in practical usage enabling the evaporation of the separated product without having acid in the eluent, Applications given will show how these materials can be used.

Dr Colin Hill and Dr Ian Flockhart, Botanical Developments Ltd, and Dr Les Brown, AECS-QuikPrep Ltd, will present an invited lecture on a holistic approach to sub contract Extraction, Synthesis and Chromatographic Process Prep. A full integration in the UK, on one site, of process scale SFC extraction, process scale 60,000 to 180,000+ litre synthesis, solid - liquid, plus liquid - liquid chromatography, and both GMP production plus consultancy facilities will be reviewed.

Space in the programme still exists so as a potential presenter, if you wish to send me a title and an abstract of your proposed presentation I will ensure it is reviewed by members of the ChromSoc executive committee and if accepted, put into the appropriate part of the programme.

EXHIBITION

There will be a trade exhibition running throughout the meeting and thanks are expressed to the sponsoring companies at their various levels of sponsorship.

CONFIRMED SPONSORS AND EXHIBITORS

SHIMADZU	GSK
YMC EUROPE	ANACHEM
WATERS	SIGMA-ALDRICH
AGILENT	GRACE DAVISON
TECHNOLOGIES	HICHROM
CHIRAL	PHENOMENEX
TECHNOLOGIES	AKZO NOBEL
VARIAN	FUJI SILYSIA
ASTRA ZENECA	

There are still opportunities for other companies to be involved in the sponsorship and exhibition. Costs and details are as follows:

Gold level - table top stand with own backdrop in prominent position, two free registrations and 20 minutes on the podium: £1500

Silver level - table top stand, two free registrations and 10 minutes podium: £1250

Bronze level - table top stand, one free registration: £750

There will also be opportunities to sponsor the Hollywood 10 pin bowling social event and/or the meals for the attendees. The costs of these sponsorships would be set against the exhibitor fees by negotiation.

NOTE: All prices incur an additional 15% VAT

REGISTRATION

Electronic registration for delegates is available from www.chromsoc.com see Events section.

Delegate registration non-CS member: £300

Delegate registration CS member: £250

BonaFide student rate* and rate for unemployed and retired: £100

*CS bursaries may be made available to suitable applicants.

The meeting will include free refreshments for each day.

Scientists who are employees of GlaxoSmithKline can take up any spare seats and attend the exhibition for free at this event.

SOCIAL PROGRAMME

Socially we have the popular 'Hollywood 10 pin bowling event' on the evening of 17th September where delegates and exhibitors alike can pit their skills against each other and chat about the science and technology from the symposium.

We hope to see as many returning faces from previous symposia as possible and of course new faces, not just from the UK, are particularly welcome.