



Current method development strategies in separation science



Chromatographic Society Spring Symposium & AGM Wednesday and Thursday 19th-20th May 2010, Merck Sharp & Dohme, Hoddesdon, UK

In this meeting the latest developments in small-molecule method development will be reviewed. It will be of interest to all practitioners of separation science, particularly those using liquid chromatography for pharmaceutical problem solving. The venue is particularly apt being the UK centre for one of the world's largest pharmaceutical companies - Merck Sharp & Dohme.

There will also be a suppliers (both instrument and consumables) exhibition during the meeting alongside vendor presentations in the programme.

We have a number of confirmed speakers from both academia and industry including Dr Chris Welch (Merck, USA), Dr John Dolan (LC Resources, USA) and Dr Roman Szucs (Pfizer, UK). As a result of the speakers we are recruiting for this meeting we believe this will be a highly informative event.

The Chromatographic Society gratefully acknowledges the continued support of our Gold sponsors



Agilent Technologies



**Chromatographic Society Spring Symposium & AGM
19th-20th May 2010, Merck Sharp and Dohme, Hoddesdon, UK**

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Note preliminary agenda: Speakers, topic areas or presentation times may be subject to change

Day 1

12:00 Registration, exhibition and light buffet lunch

13:00 Welcome address – Alan Handley (President of the Chromatographic Society)

Session 1: State-of –the art in method development

13:15 Keynote Lecture 1: **Dr Chris Welch** (Merck, USA) - *Chiral Chromatographic Method Development: Past, Present and Future*

14:00 Keynote Lecture 2: **Dr John Dolan** (LC Resources, USA) - *Identifying Equivalent and Orthogonal Columns for HPLC Method Development.*

Scientific Vendor Presentations 1

14:40 Gold sponsor seminar: (Agilent Technologies, UK)

15:20 Vendor 2: (Shimadzu, UK)

15:40 Vendor 3: **Dr Tony Edge** (Thermo, UK) - *Approaches to the development of a bioanalytical method*

16:00 Tea Break

Session 2: Analytical Strategies for Genotoxic Impurities

16:30 Lecture 1: **Dr Remco Stol** (Schering Plough, The Netherlands) – *Analytical methodologies for detection and quantitation of genotoxic impurities*

17:00 Lecture 2: **Tom van Wijk** (Solvay, The Netherlands) - *Strategies for Genotoxic Analysis*

17:30 Close of Day 1

Day 2

9:00 Arrival and coffee

Session 3: Industrial perspectives

9:30 Lecture 3: **Dr Roman Szucs** (Pfizer, UK) - *Is in-silico chromatographic method development - a myth or a real possibility?*

10:00 Lecture 4: **Dr Rudy Sneyers** (Johnson & Johnson, Belgium) – *COSMOS... A Science-based Strategy in Automated HPLC Method Development*

10:30 Lecture 5: **Dr Adrian Clarke** (AstraZeneca R&D Charnwood, UK) - *Holistic LC strategies, from UHPLC to HPLC and back*

11:00 Tea Break

Scientific Vendor Presentations 2

11:40 Vendor 4: **Mike McBrien** (ACDLabs, Canada) - *MS-MAP and UV-MAP: Recent Advances in Automated Chromatographic Peak Tracking*

12:00 Vendor 5: **Dr Denise Wallworth** (Sigma-Aldrich) - *Understanding phase selectivity; a powerful tool for aiding robust method development.*

12:20 Vendor 6: (Dionex, UK) - *Automated Development of a UHPLC Method for Controlled Drug Substances*

12:40 Vendor 7: **Dr Chris Message** (Phenomenex, UK) - *Kinetex™, Ultra-High Performance on ANY LC System*

13:00 Lunch & Exhibition

13:30 AGM

Session 4: Stationary phase selectivity

14:30 Lecture 6: **Maarten De Beer** (University of Gent, Belgium) - *Stationary-Phase Optimised Selectivity Liquid Chromatography: Development of a Linear Gradient Prediction Algorithm and applications*

15:00 Lecture 7: **Prof. Eric Lesellier** (University of Orleans, France) – *Super Critical fluid Chromatography for small molecule separation: an expanding universe*

15:30 Tea break

Session 5: Quality by Design for Analytical Methods

15:45 Lecture 8: **Nigel Howes** (GSK, UK) - *Application of Quality by Design to Analytical*

16:15 Lecture 9: **Dr Steve Mount** (GSK, UK) - *QbD - The Application to the Analytical Methodology of an Emerging Pharmaceutical Molecule*

16:45 Closing Address: Alan Handley

Directions to the MSD

Merck, Sharp & Dohme, Hertford Road, Hoddesdon, Hertfordshire, EN11 9BU

MSD is situated on the edge of Hoddesdon in Hertfordshire. Contact details for the venue are:

Tel: +44 (0)992 467 272

Fax: +44 (0)992

Email:

Website: <http://www.msd-uk.com/>

By car:

MSD is located on the Hertford road between Hoddesdon and Hertford Heath. The link below shows our location. If a sat-nav is being used to reach the venue using the postcode EN119BU, many sat navs will take you to the centre of the town. Google Maps provides the correct location.

On arrival at the site, park in the multi-storey car park (anywhere) and report to reception. The receptionist will arrange your collection and transfer to the lecture theatre.

<http://maps.google.co.uk/maps?hl=en&q=en119bu&ie=UTF8&split=0&gl=uk&ei=wsFuSralKpCEmQfH-bWNCA&ll=51.767893,-0.022316&spn=0.009734,0.019248&z=16&iwloc=A>



MSD map.pdf

By rail:

If travelling by train from London, take the train from Liverpool Street station or Tottenham Hale station to Broxbourne. A taxi from Broxbourne station will cost approximately £6.00.

If travelling from mainland Europe, London is accessible via the Eurostar from a number of European locations. The Eurostar accesses London at Kings Cross St Pancras station. The Victoria Line on the London Underground can then be taken to Tottenham Hale (4 stops) where a connection to Broxbourne on British Rail may be made (Tottenham Hale to Broxbourne takes less than 20 minutes).


By air:

Getting to Hoddesdon from further-a field or mainland Europe is possible. London is served by a number of international airports including [Heathrow](#), [Gatwick](#), [Stansted](#), [Luton](#) and [London City](#). All of these airports can access the British rail network (and thus Broxbourne train station – the closest station to MSD) by travelling from the airport to London via rail (British Rail or London Underground) or bus from the airport.

Hotels near Merck Sharp & Dohme

	Name	Address	Approx. distance to MSD*	Approx cost/ £ per night
	<u>Woodland Lodge</u>	Woodland Lodge, Cottage Farm, Goose Green, Hoddesdon, EN11 8SN Tel: 01992 471697	1.9 miles	55
	<u>Masters House</u>	88-96 Fore Street, Hertford, SG14 1AA Tel: 01992 660660	3.4 miles	90+
	<u>Parks Guest House</u>	27 London Rd, Hertford, SG13 7LG Tel: 01992 558 394	3.5 miles	40+
	<u>Salisbury-Arms Hotel</u>	Fore St, Hertford, SG14 1BZ Tel: 01992 583091	3.5 miles	75+
	<u>Hertford House</u>	1 Fore Street, Hertford, Hertfordshire, SG14 1DA Tel: 01992 517440	3.5 miles	85+
	<u>The Roebuck Hotel</u>	Baldock St, Ware, SG12 9DR Tel: 01920 409 955	4.3 miles	<75

	<u>White Horse Hotel</u>	Hertingfordbury Road, Hertingfordbury, Hertfordshire SG14 2LB Tel: 01992 586 791	5.0 miles	50+
	<u>Cheshunt Marriott</u>	Halfhide Lane, Turnford, Broxbourne EN10 6NG Tel: 01992 451 245	5.0 miles	99
	<u>Fanhams Hall</u>	Fanham Hall Road, Ware, SG12 7PZ Tel: 01920 460511	5.2 miles	70
	<u>Feathers Inn Hotel</u>	Cambridge Road Wadesmill, Ware, SG12 0TN Tel: 01920 460 545	7.8 miles	
	<u>Hanbury Manor</u>	Ware, Hertfordshire, SG12 0SD Tel: 01920 487 722	7.8 miles	179+
	<u>Mulberry Lodge</u>	Newgate Street Epping Green Hertford SG13 8NQ Tel: 01707 879 652	8.6 miles	45+

			Ponsbourne Park	Newgate Street Village. Hertfordshire, SG13 8QT Tel: 01707 876191	9.3 miles	130+
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n.b Check with hotels if breakfast included in price

*Accommodation listed in distance to MSD (Source [Google Maps](#))