

## Registration

To register for the HILIC Day please return the form below or similar info to Dalco Chromtech via e-mail.

info@dalcochromtech.se

www.sequant.com/hilicday

I wish to attend the HILIC Day (please tick):

In Knivsta on February 3<sup>rd</sup> 2011

First Name: .....

Last Name: .....

Department: .....

Company: .....

Address: .....

Postcode: .....

City: .....

State: .....

Phone: .....

E-Mail: .....

## Venue Information

Nova Park Conference,  
Knivsta/Arlanda  
Phone: 018-34 90 00  
www.NovaPark.com

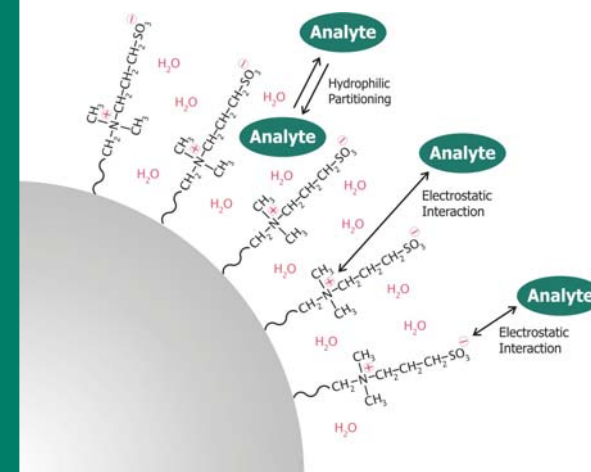
We arrange pick up at Knivsta station,  
10 minutes by train from Uppsala and  
Arlanda, 30 minutes from Stockholm

### Dalco Chromtech AB

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Invitation to the 2011

# HILIC Day Sweden

Symposium

February 3, 2011  
Knivsta/Arlanda

HILIC technology offers a unique possibility for HPLC separation of polar and hydrophilic substances



## Program Outline

08:45	Registration
09:00	Welcome and Introduction
09:15	Fundamentals of Hydrophilic Interaction Liquid Chromatography (HILIC) <i>Einar Pontén</i>
10:00	Break
10:15	HILIC method development and troubleshooting <i>Petrus Hemström</i>
11:00	Characterisation of gradient HILIC-ESI-MS systems for bioanalysis <i>Martin Ahnoff</i>
11:45	Lunch break
12:45	HILIC with unconventional solvents and its hyphenation to elemental MS <i>Yvonne Nygren</i>
13:15	HILIC for life and science - An application overview <i>Petrus Hemström</i>
13:45	Separation of carbohydrates by HILIC <i>Göran Karlsson</i>
14:15	Break
14:30	Adding discovery power to untargeted metabolomics through HILIC-ESI-MS <i>Anders Nordström</i>
15:00	Discussion and Conclusion
16:00	End

## Aims of the Symposium

- Introduction and assistance in the application of the HILIC chromatography technique.
- Examine the differences of HILIC to classical RP and NP chromatography.
- Key factors for daily routine work, method development, application optimization and troubleshooting.
- Highlight application areas for HILIC and discuss future possibilities regarding this separation technology.

### Speakers

Dr. Einar Pontén, Merck SeQuant  
Dr. Petrus Hemström, Merck SeQuant  
Dr. Martin Ahnoff, AstraZeneca  
Dr. Yvonne Nygren, FOI  
Dr. Göran Karlsson, previously Octapharma  
Dr. Anders Nordström, Karolinska Institutet

### Symposium Material

All participants will receive a full set of the presentations.

### Symposium Webpages

[www.sequant.com/hilicday](http://www.sequant.com/hilicday)

Staff from Dalco Chromtech and Merck SeQuant will be available throughout the day to answer questions and further discuss your applications during the event.

## Main Topics

We would like to invite you to the HILIC Day taking place in Knivsta, February 3, 2011.

This symposium is for all chromatographers who want to keep up to date with the latest technological developments in the industry. The HILIC Day has been arranged more than 20 times all over the world. Typical attendees work with method development using reversed phase HPLC & UHPLC, but need alternative separation modes when traditional approaches perform poorly.

Throughout the day the application and use of hydrophilic interaction liquid chromatography (HILIC) will be explained. This chromatographic technology opens up a unique possibility for the separation of polar and hydrophilic substances using LC/MS compatible buffer systems. Examples include compounds such as nucleotides, amino acids, amines, phenols, acids, peptides, carbohydrates, glycosylated compounds, phosphorylated analytes, flavonoids, etc.

### Discussion Topics

We encourage attendees to suggest topics and send in questions for the round table discussion to:  
[hilicday@sequent.com](mailto:hilicday@sequent.com)  
[info@dalcochromtech.se](mailto:info@dalcochromtech.se)