

## Registration

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

[www.sequant.com/hilicday-usa2010](http://www.sequant.com/hilicday-usa2010)  
hilicday@sequent.com

SeQuant  
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S-907 19 Umeå, Sweden  
Phone: +46 90 154880  
Fax: +46 90 154883

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

In Boston on June 22<sup>nd</sup> 2010

First Name: .....

Last Name: .....

Department: .....

Company: .....

Address: .....

Postcode: .....

City: .....

State: .....

Phone: .....

E-Mail: .....

## Venue Information

Fenway Room,  
Hilton Boston Back Bay  
40 Dalton Street I  
Boston MA 02115  
Phone: (617) 236-1100  
[www.Hilton.com/BostonBackBay](http://www.Hilton.com/BostonBackBay)

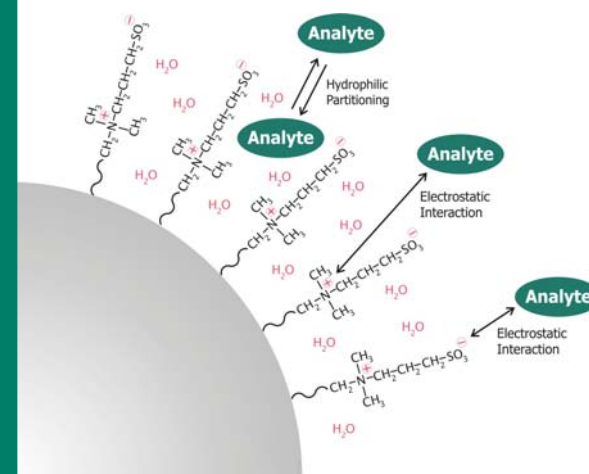
Hilton Boston Back Bay is located adjacent to the Hynes Convention Center in Boston

## EMD Chemicals

You can obtain a range of innovative products for HPLC separations from EMD Chemicals. The portfolio includes SeQuant™ ZIC®-HILIC for polar compounds, Chromolith® for high-speed separations, Purospher® STAR for easy method development, and LiChrospher® for traditional HPLC. Solvents for every situation plus TLC plates are also available.

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EMD Chemicals Inc. is the North American affiliate of Merck KGaA, Darmstadt, Germany.



## Invitation to the 2010

# HILIC Day

## Symposium

June 22, 2010  
Boston, USA

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



## Program

- 08:30 Registration, Tea & Coffee
- 09:00 Welcome and introduction  
*Dr. Ling Bei*
- Introduction and Method Development
- 09:15 HILIC for Straightforward HPLC of Polar and Hydrophilic Compounds  
*Dr. Tobias Jonsson*
- 10:00 HILIC Method Development and Troubleshooting  
*Dr. Wen Jiang*
- 10:45 What is Possible with HILIC? An Application Overview  
*Dr. Tobias Jonsson*
- 11:45 Lunch break
- Applications in Industry and Academia
- 13:00 Evaluation of a Zwitterionic Column Operated in the Hydrophilic Interaction Chromatography Mode for the Determination of Positive and Negative Counter-Ions  
*Dr. Brian Pack*
- 13.45 Non-HILIC separations with ZIC-HILIC: Aminoglycoside antibiotics, and the triazine nitrogen dopants melamine and cyanuric acid  
*Mr. David Heller*
- 14:15 Tea and Coffee break
- 14:30 How Curiosity Cured the Cat - An Empirical Marriage of HILIC and Clinical Diagnostics  
*Mr. Brian Rappold*

## Program (continued)

### Round Table Discussions

- 15:15 Everything from practical problems to future development of stationary phases and separation technology. Final selection of topics will be decided according to requests by participants.  
*Dr. Tobias Jonsson*  
*Dr. Wen Jiang*
- 16:00 Finish

### **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. Tobias Jonsson, SeQuant  
Dr. Wen Jiang, SeQuant  
Dr. Brian Pack, Eli Lilly  
Mr. Brian Rappold, Labcorp  
Mr. David Heller, FDA

Staff from EMD 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 Boston, June 22, 2010.

This symposium is for all chromatographers who want to keep up to date with the latest technological developments in the industry.

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 simple, usually LC/MS compatible buffer systems. Examples include compounds such as nucleotides, amino acids, amines, phenols, acids, peptides, carbohydrates, glycosylated compounds, phosphorylated analytes, flavonoids, etc.

### Symposium Material

All participants will receive a full set of the presentations and the main topics of the Workshops.

### Discussion Topics

We encourage attendees to suggest topics and send in questions for the round table discussion to:  
hilicday@sequant.com

### Symposium Webpages

www.sequant.com/hilicday  
www.sequant.com/hilicday-usa2010