

PREP2015

July 26-29, 2015
Philadelphia, PA • USA
Loews Philadelphia Hotel

28th International Symposium, Exhibits & Workshops on Preparative & Process Chromatography

April Update

We invite you to attend PREP 2015 and take advantage of:

- Opportunities to learn about and discuss the latest scientific and technological advances in the field
- Exposure to the most recent chromatography products and technologies on the market
- Interactions with world leading scientists in all aspects of preparative and process chromatography
- Training and continuing education leading to the ability to optimize processes and minimize costs in the production of fine chemicals, chiral molecules, active pharmaceutical ingredients, peptides, proteins, monoclonal antibodies, plasmids, vaccines, and VLPs

Follow us on LinkedIn and www.PREPsymposium.org and send us your suggestions.

Preliminary Scientific Oral Program

The preliminary scientific oral program is posted at www.PREPsymposium.org together with a topical grid. It includes 74 oral papers covering all areas of preparative and process chromatography. 53% of the papers are from industry and 47% by universities. 57% address biomolecules, including monoclonal antibodies and other non-mAb therapeutic proteins, antibody fragments, protein charge variants, VLPs, and plasmids, and 43% address small molecules, including APIs, peptides, chiral molecules, sugars, natural products, and rare earths. Chromatographic modalities include HPLC, IEC, HIC, MMC, SEC, affinity, small-scale prep for medicinal chemistry, SMB and other continuous chromatography systems, SFC, CPC/CCC, membrane chromatography, and monoliths. The program includes sessions dedicated to new, improved, and innovative stationary phases, sessions focused on understanding and modeling molecule-surface interactions, as well as sessions dedicated to advances in modeling and optimizing chromatographic processes. Countries represented include Austria, Canada, Finland, France, Hungary, Germany, Japan, New Zealand, Poland, Portugal, Singapore, Slovenia, Sweden, Switzerland, the UK, and the US.

PREP2015 Oral sessions:

Keynote in Memory of Georges Guiochon (see list of talks below)

Keynote on Industrial Case Studies in Protein Chromatography

Strategies and Processes for Biomolecule Purification

Chromatographic Process Modeling and Design

Stationary Phases I and II

Keynote on Preparative Chromatography in Medicinal Chemistry, Drug Discovery and Development

Understanding and Modeling Biomolecular Interactions in Chromatographic Purification

Innovative Chromatographic Materials

Continuous Chromatography for Intermediates and APIs

Continuous Downstream Processing for Bioseparations

Bioprocess Chromatography

Chromatography Theory

Process Modeling and Design

Keynote on Process Scale Purification of Peptides and Oligonucleotides - Sponsored by Phenomenex

Chromatography for Large Biomolecule Purification

Monoliths and Membrane Chromatography

Preparative Supercritical Fluid Chromatography

Centrifugal Partitioning Chromatography and Countercurrent Chromatography (CPG/CCC)

Manufacturability and Integration for Enhanced Bioprocess Chromatography

Keynote in Memory of Georges Guiochon – Chaired by Dr. I. Quinones-Garcia, Shire, and Dr. Kathleen Mihlbachler, LEWA Nikkiso

“The Georgesian Optimization of Chromatography and Life”, A. Felinger, Univ. Pecs, Hungary

“Integration of Up- and Downstream Continuous Processing for the Manufacture of Therapeutic Proteins”, M. Morbidelli, ETH, Zurich, Switzerland

“Inflection Points in Single Component Adsorption Isotherms and Consequences for Preparative Chromatography”, A. Seidel-Morgenstern, Max Planck Inst., Magdeburg, Germany

“Combining Theory and Practice for a Deeper Understanding of the Separation Process”, T. Fornstedt, Karlstad Univ., Sweden

“Contribution of the Accurate Measurement of Thermodynamic and Kinetic Properties to the Performance Improvement of Separation Systems”, F. Gritti, Univ. Tennessee

Sponsors and Sponsoring Opportunities

We are pleased to recognize general financial support provided by **Ampac Fine Chemicals**, **Genentech**, **MedImmune**, **Merck**, **Pfizer**, and **Shire**. Generous financial contributions from our sponsors enhance the program in many ways also enabling PREP2015 to provide support to participants from academia, especially graduate students, who are authors or co-authors of accepted oral or poster papers. Several sponsorship opportunities are still available and we hope that other companies will join them in supporting PREP2015.



Sunday Training Workshop Program

The Sunday Training Workshop program provides advanced tutorials covering various aspects of process chromatography. The Workshops are presented by leading academic and industrial scientists and engineers and cover both fundamentals as well as real-world application examples. The morning program has two parallel tracks - one emphasizing biomolecules and the other intermediates and APIs purification. The afternoon program also has two parallel Workshops - one dedicated to continuous downstream processing and the other to regulatory and marketing aspects of biopharmaceuticals development and production including practical examples of the application of QbD principles in a bioprocess development setting.

9:00 AM – 12:30 PM		1:30 PM – 4:30 PM	
Workshop 1 Preparative Chromatography for Biomolecule Purification Leaders: G. Carta, U. Virginia; A. Jungbauer, BOKU, Vienna; A. Hunter, MedImmune	Workshop 2 Preparative Chromatography for Purification of APIs Leaders: O. Dapremont, Ampac Fine Chemicals; L. Miller, Amgen	Workshop 3 Continuous Chromatography for Biomolecule Purification Leaders: K. Mihlbachler, LEWA-Nikkiso; M. Morbidelli, ETH Zurich	Workshop 4 Regulatory Fundamentals and QbD for Biopharmaceuticals Leaders: L. Beaver, LAB Enterprises; G. Ferreira, MedImmune

Find more about the training program at <http://www.prepsymposium.org/workshop-sunday.html>. Registration for the Sunday Training Workshops is open to meeting and non-meeting participants. Early registration is recommended, as each workshop enrollment is limited to 30 participants. Certificates of completion will be provided. Register online at www.PREPsymposium.org/register.html.

Vendor Exhibits and Workshops

The Exhibit provides access to the latest advances in chromatographic media, equipment, and services with ample opportunities to meet commercial suppliers in the closely integrated lecture and poster/trade display areas within the facility. Vendor workshops will be offered free to Symposium participants.

Call for Posters - The final deadline for poster abstracts is June 15th, 2015

More than 50 posters have already been accepted and we expect that many more will be submitted for two poster sessions, one on Monday and one on Tuesday afternoon. The poster sessions provide an excellent environment for detailed presentation and one-on-one discussion and are held together with the vendor exhibit. Best poster abstracts will be awarded and winners will be recognized at a ceremony on Wednesday.

Key Dates

June 15, 2015	Final deadline for poster abstracts
July 1, 2015	Last day to register at discounted rate
July 26-29, 2015	PREP 2015, Philadelphia

Organizing Committee: Giorgio Carta, University of Virginia (Chair), Lois Ann Beaver, LAB Enterprises, Olivier Dapremont, Ampac Fine Chemicals, Larry Miller, Amgen, Igor Quinones-Garcia, Shire

Contact: Ms. Janet Cunningham, PREP2015 Symposium/Exhibit Manager, Barr Enterprises, 301-668-6001, janet@barrconferences.com, <http://www.linkedin.com/in/BarrEnterprises>.

