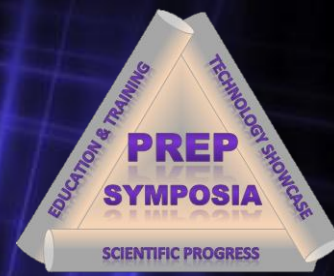


PREP2018

July 8-11, 2018

Hyatt Regency Baltimore Inner Harbor ♦ Baltimore, MD, USA



www.PREPsymposium.org

April Update

Scientific Oral Program – Highlights

The scientific program has just been posted at www.PREPsymposium.org and includes 70 oral papers covering all areas of preparative and process chromatography. 67% of the papers are from industry and 33% from academia. 71% address biomolecules, including monoclonal antibodies and other non-mAb therapeutic proteins, antibody fragments, protein charge variants, virus, VLPs, and vaccines, and 29% address small molecules, including APIs, peptides, chiral molecules, amino acids, and natural products. Chromatographic modalities include RP-HPLC, IEC, HIC, MMC, affinity, small-scale prep for drug discovery, development and manufacture, SMB and other multicolumns chromatography systems, continuous and integrated processing, SFC, 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 in the oral include Austria, France, Germany, Japan, Mexico, Poland, Portugal, Slovenia, Sweden, Switzerland, the UK, and the US.

PREP2018 Oral sessions

1. **Keynote Session: Industrial Case Studies in Protein Chromatography**, Chairs A. Hunter, T. Pabst, MedImmune
2. Mechanistic Understanding
- 3A. Protein-A Fundamentals
- 3B. Stationary Phases I – Bio Applications
- 4A. Protein-A Resins
- 4B. Stationary Phases II – RPC, Enzyme Immobilization
5. **Keynote Session: Preparative Chromatography in Drug Discovery, Development, and Manufacture**, Chaired by Qi (Tony) Yan, Pfizer
6. **Keynote Session: Continuous and Integrated Processing for Biomolecules**, Chaired by S. Kandula, Merck & Co., Inc.
- 7A. Fundamentals and Modeling
- 7B. Stationary Phases III – Bio Applications
- 8A. Alternative Chromatographic Processes
- 8B. Processes and Applied Process Modeling
9. **Keynote Session: Continuous and Integrated Processing for Small Molecules**, Chaired by O. Dapremont, AMPAC Fine Chemicals
10. Monoliths, Membrane Chromatography and Column Characterization.
11. Using Knowledge and Process Modeling for Design and Optimization
12. Applications to Virus, VLP, and Vaccine Purification

CALL FOR POSTERS – POSTER ABSTRACT SUBMISSION DEADLINE IS JUNE, 2018

Two poster sessions will be held, 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 prizes will be awarded by an independent judging committee and winners will be recognized at a ceremony on Wednesday. Topics include but are not limited to:

Preparative and process chromatography	Knowledge based and mechanistic modeling for optimization
HPLC, medium, and low-pressure liquid chromatography	Big data approaches in chromatography
Small-scale preparative chromatography	Viral clearance aspects
Chromatography to support medicinal chemistry	Environmental sustainability - process intensification, solvent and energy reduction
Stationary phases (SEC, RPC, HIC, IEX, MMC, Protein A, Affinity, Hydroxyapatite)	Fine chemicals and active pharmaceutical ingredients
Membrane chromatography and Monoliths	Chiral molecules
Column packing, packing stability, and large-scale columns	Proteins, mAbs, ADCs, and other biopharmaceuticals
Laboratory equipment and process scale systems	Fusion protein and conjugates
Simulated Moving Bed and multicolumn processes	Biosimilars
Continuous and integrated processing	Plasmids
Single use equipment and flexible processes	Vaccines
Expanded bed adsorption	VLPs
Supercritical Fluid Chromatography (SFC)	Virus purification for gene delivery
CPC and countercurrent chromatography	Cell separations for cell therapy and other applications
Experimental methods for process development	Peptides and oligonucleotides
Fundamentals, Modeling and Optimization	Amino acids
Economics of chromatographic processes	Sugars
Process modeling tools and software	Rare earths
High throughput screening (HTS) and HTPD	Natural products
Quality by Design (QbD) and Design of Experiments (DoE)	
Regulatory aspects and process validation	

Exhibit and Workshops

The two-day 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. The preliminary list of confirmed exhibitors includes Agilent Technologies AkzoNobel/Kromasil (Silver Sponsor), Bio-Rad Laboratories (Bronze Sponsor), Bio-Works, DAISO Fine Chem USA, Inc., Essential Life Solutions, GE Healthcare Life Sciences (Gold Sponsor), JNC America - Cellufine Media (Bronze Sponsor), Kaneka America's Holding, NanoTemper Technologies, Novasep, Purolite Life Sciences (Gold Sponsor), Sepiatec, Servier CDNO, SP Scientific, Wyatt Technology, YMC America (Silver Sponsor). Many more are expected.

Free Vendor Workshops will be presented by Bio-Rad Laboratories, GE Healthcare Life Sciences, and Wyatt Technology on Monday, and by Agilent, AkzoNobel/Kromasil, and Purolite Life Sciences on Tuesday. Additional vendor workshop slots are available. Please contact Janet Cunningham at janet@barrenterprises.com for details.

Training Workshops and Tutorials

The Sunday Training Workshops provide in-depth coverage of both fundamentals and real-world applications of preparative chromatography for biomolecules and for small and intermediate molecules. The Monday and Tuesday morning Tutorials address more specialized topics. For further details, visit <http://www.prepsymposium.org/workshop-tutorial.html>.

Preliminary List of Corporate Sponsors and Sponsoring Opportunities

We are pleased to recognize financial support provided by the following confirmed corporate sponsors: **AMPAC Fine Chemicals, Bristol-Myers Squibb, Genentech, MedImmune, and Pfizer** and by the following:

GOLD SPONSORS: GE Healthcare, Purolite Life Sciences

SILVER SPONSORS: AkzoNobel/Kromasil, YMC America

BRONZE SPONSORS: Bio-Rad Laboratories, JNC America – Cellufine Media

Venue and Registration

Registration. To register for the symposium, please go to: <http://www.prepsymposium.org/register.html>. Discounted rates are available until June 15.

Accommodations. PREP2018 will be held at the **HYATT REGENCY BALTIMORE INNER HARBOR 300 Light Street, Baltimore, MD 21202, USA, Telephone: +1 410 528 1234**. Please support the conference by staying at the Hyatt Regency Baltimore Inner Harbor. The room rates are discounted and include free standard Internet: \$189 per night plus tax single or double occupancy, \$214 plus tax for triple occupancy, and \$239 plus tax for quadruple occupancy. The conference dates are July 8-11, 2018, and the discounted rate is available three days pre- and post-conference dates. It will be wise to make your hotel reservation as early as possible to secure the discounted room rate, which will be available until June 14, 2018, or until the rooms or rates are sold out. The hotel will definitely sell out of rooms during this busy time of year. Reserve your room on-line at: <http://www.prepsymposium.org/trip-hotel.html>. You may also contact the hotel at 410-528-1234 and cite "PREP 2018" to receive the discounted room rate.

Key Dates

May 10, 2018 - Registration and fee payment deadline for authors presenting lectures. If fees are not paid, submissions from that author will be removed from the program.

June 1, 2018 - Final deadline for poster abstracts for inclusion in the printed Final Program.

June 15, 2018 - Registration and fee payment deadline for authors presenting posters. If fees are not paid, submissions from that author will be removed from the program.

June 20, 2018 - Deadline extended for last-minute poster abstracts for inclusion in the online Final Program noting that the registration fee must be paid in order for the poster to appear in the online Final Program.

July 8-11, 2018 - PREP 2018 in the Baltimore Inner Harbor.

Organizing Committee: Giorgio Carta, Univ. of Virginia (Chair), Lois Ann Beaver, LAB Enterprises, Olivier Dapremont, AMPAC Fine Chemicals, Igor Quinones-Garcia, Mersana Therapeutics, Qi (Tony) Yan, Pfizer

Contact: Contact Janet Cunningham (janet@barconferences.com) and/or Giorgio Carta (gc@virginia.edu) to explore how you can support PREP2018. Corporate sponsors are prominently recognized throughout all phases of the Symposium.

