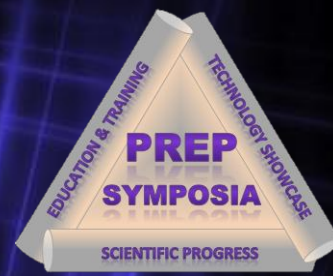


# PREP2018

July 8-11, 2018

Hyatt Regency Baltimore Inner Harbor ♦ Baltimore, MD, USA



[www.PREPsymposium.org](http://www.PREPsymposium.org)

January Update

**ABSTRACT SUBMISSION DEADLINE: February, 23, 2018**

## Call for Papers

Topics include but are not limited to:

Preparative and process chromatography  
HPLC, medium, and low-pressure liquid chromatography  
Small-scale preparative chromatography  
Chromatography to support medicinal chemistry  
Stationary phases (SEC, RPC, HIC, IEX, MMC, Protein A, Affinity, Hydroxyapatite)  
Membrane chromatography and Monoliths  
Column packing, packing stability, and large-scale columns  
Laboratory equipment and process scale systems  
Simulated Moving Bed and multicolumn processes  
Continuous and integrated processing  
Single use equipment and flexible processes  
Expanded bed adsorption  
Supercritical Fluid Chromatography (SFC)  
CPC and countercurrent chromatography  
Experimental methods for chromatographic process development  
Fundamentals, Modeling and Optimization  
Economics of chromatographic processes  
Process modeling tools and software  
High throughput screening (HTS) and HTPD

Quality by Design (QbD) and Design of Experiments (DoE)  
Regulatory aspects and process validation  
Big data approaches in chromatography  
Viral clearance aspects  
Environmental sustainability - process intensification, solvent and energy reduction  
Fine chemicals and active pharmaceutical ingredients  
Chiral molecules  
Proteins, mAbs, ADCs, and other biopharmaceuticals  
Fusion protein and conjugates  
Biosimilars  
Plasmids  
Vaccines  
VLPs  
Virus purification for gene delivery  
Cell separations for cell therapy and other applications  
Peptides and oligonucleotides  
Amino acids  
Sugars  
Rare earths  
Natural products

## Preliminary List of Keynote Sessions

In addition to general oral and poster sessions, PREP2018 will feature keynote sessions addressing critical and emerging areas in preparative chromatography such as:

**Industrial Case Studies in Protein Chromatography**  
**Continuous Chromatography for APIs, Fine Chemicals, and Natural Products**  
**Continuous Manufacturing and Downstream Processing for Biopharmaceuticals**  
**Preparative Chromatography in Drug Discovery, Development, and Manufacture**  
**Process Scale Purification of Peptides**  
**Preparative Supercritical Fluid Chromatography**  
**Big Data and Hybrid Modeling in Preparative/ Process Chromatography**

## Poster Sessions

PREP 2018 will feature poster sessions on Monday and Tuesday. Best posters prizes will be awarded with separate categories for academic and industrial presenters.

**All abstracts submitted are reviewed by the PREP2018 Scientific Committee and placed in the program accordingly.**

## Exhibit and Workshops

The 2-1/2 day Exhibit (Sunday evening through Tuesday afternoon) will provide 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. Exhibitors and sponsors will also have the opportunity to present sponsored vendor workshops that are free to Symposium participants.

## 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>

## Current List of Confirmed PREP2018 Sponsors

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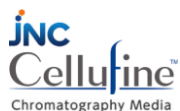
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### Key Dates

Feb. 23, 2018	General abstract deadline
March 1, 2018	Deadline for early registration at reduced rate
April 2018	Preliminary Program posted
June 8, 2018	Deadline for poster abstracts
July 8-11, 2018	PREP 2018, Baltimore

### Contact

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### PREP2018 Organizing Committee

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