



The Most Trusted Source of BioProcess Technology®

Seattle, Washington, USA



Filtration of Biological Products

November 12-14, 2007

Maximizing Throughput While Minimizing Cost

Please join us as we discuss the materials, systems, and methods that have been most successful; and explore the techniques that could provide the processing solutions needed for the next generation of biological products. This meeting will feature case histories from the industry's top downstream processing scientists and engineers, and will cover key aspects of the filtration applications needed to process a biological product.

This very practical conference is intended for process development and production personnel who work in downstream processing applications, and will provide a unique combination of theory and practical experience.

Sponsored By:

GE Healthcare

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Topics:

- Depth Filtration
- Clarification / Cell Retention
- Tangential-Flow Filtration
- Concentration / Ultrafiltration
- Diafiltration
- Virus Removal
- Sterile Filtration
- Materials and Pore Sizes
- Single-Use versus Reusable Systems
- Process Optimization
- Sensors and Process Automation
- Integrity Testing
- Certification and Suitability
- Validation





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SUNDAY, NOVEMBER 11, 2007

4:00-6:00 pm **Registration and Welcome Reception**

MONDAY, NOVEMBER 12, 2007

7:00-8:00 am **Registration, Continental Breakfast - Meeting Room Foyer**

8:00-8:30 am **Introduction**
Keith L. Carson - Conference Chairman

8:30-9:15 am **High Temperature Ultrafiltration for High Concentration Formulation of rhuMAbs**
Charles Winter - Genentech Inc.

9:15-10:00 am **Harvest Depth Filtration Optimization – Understanding the Interactions Between Cell Culture and Downstream Filtration Performance**
Ai Lin - Genentech Inc.

10:00-10:30 am **Break - Exhibit Area**

10:30-11:15 am **Crossflow Separation of a Fab Fragment from *Escherichia coli* Lysate Using an Ultra Scale-Down Rating Disc Filter**
Yuhong Zhou, Ph.D. - University College London

11:15-Noon **Selection and Process Characterization for Development of a Robust Depth Filtration Step**
Martin Chandler - Merck & Co.

Noon-1:30 pm **Lunch and Poster Session - Exhibit Area**

1:30-2:15 pm **Optimization of a Precipitation and Filtration Step in the Manufacture of a Therapeutic Recombinant Enzyme**
Kurt Yanagimachi, Ph.D. - BioMarin Pharmaceuticals Inc.

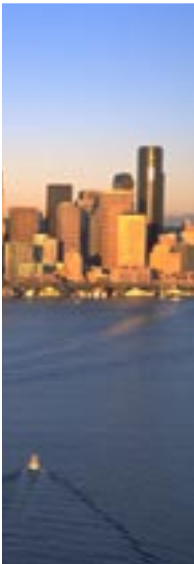
2:15-3:00 pm **Advantages of Tangential Flow Filtration Over Regenerated Cellulose Dialysis for Desalting Collagen Solutions**
Natika Calhoun - LifeCyte

3:00-3:30 pm **Break - Exhibit Area**

3:30-4:15 pm **Optimization of the Clarification Unit Operation Using Failure Mode and Effect Analysis (FMEA)**
Kara Fothergill - Millipore Corporation

4:15-5:00 pm **Optimization of Sterilizing-Grade and Depth Filters for a Commercial Large-Scale Antibody Process**
Tony Cano - Genentech Inc.

6:00-7:30 pm **Reception - Exhibit Area**



TUESDAY, NOVEMBER 13, 2007

7:30-8:30 am **Breakfast - Exhibit Area**

8:30-9:15 am **Cost Efficient Strategies for Orthogonal Virus Clearance in Biomanufacturing**
Christian Manzke, Ph.D. - Sartorius Stedim Biotech

9:15-10:00 am **Optimization of a Diafiltration Process Using Hollow Fiber TFF**
Jim Simmons - Spectrum Laboratories Inc

10:00-10:30 am **Break - Exhibit Area**

10:30-11:15 am **Novel Approaches to Accurate Scale-Up of Normal Flow Filters**
Mandar Dixit - Sartorius Stedim Biotech

Noon-6:00 pm **Free Afternoon with Recommended Activities**

WEDNESDAY, NOVEMBER 14, 2007

7:30-8:30 am **Breakfast - Exhibit Area**

8:30-10:00 am **Technical Workshops I**

10:00-10:30 am **Break - Exhibit Area**

10:30-12:00 pm **Technical Workshops II**