

Lunch and Learn



Tuesday, March 22nd

12:00 - 1:00 PM

Rancho Santa Fe 2

William H. Rushton, MS, *Chromatography Support Scientist, Process Chromatography*

Mark A. Snyder, Ph.D, *Manager, R&D Application Group, Process Chromatography*

A Mixed-Mode Chromatography mAb Purification Alternative to a Three-Step Purification Workflow

- Evaluate three mAb purification workflows using Protein A, ion exchange resins, and mixed-mode resins
- Discuss alternatives to the traditional mAb three-step process, with the aim of time and cost reduction, while maintaining comparable purity and yield

CHT Prepacked Process Chromatography Columns

- Learn about new process-scale prepacked columns with CHT Ceramic Hydroxyapatite Media
- Discuss column performance pre- and post shipping tests and scale-up studies



William H. Rushton is a Chromatography Support Scientist for Bio-Rad. Prior to Bio-Rad, he worked at Centocor from 1997-2007 in the Process Development Group. He developed the downstream purification processes for Simponi® and Stelara®. He joined Charles River Laboratories in 2007 as manager of the Process Validation group performing viral clearance studies. In 2009, he moved to Auxilium Pharmaceuticals as a Senior Scientist in Process Development. He supported the BLA filing and post marketing activities for Xiaflex®. He obtained a MS from Philadelphia College of Osteopathic Medicine and BS from St. Joseph's University.



Dr. Mark A. Snyder is the manager of the Process Chromatography R&D Applications Group at Bio-Rad Laboratories. He received a BS from the Massachusetts Institute of Technology and his PhD in biochemistry at the University of California, Berkeley. He has been responsible for many developed processes, including Bayer's current-generation licensed recombinant Factor VIII purification process. He is experienced in process troubleshooting, optimization, and validation. His work has been published in numerous peer-reviewed journals.