Continuous Chromatography for mAbs/Oligonucleotides and Peptides Seminar from 12 – 14 September 2023

Aim
The aim of this seminar is to provide an introduction to continuous chromatography with hands-on practice with capture and polishing processes for biomolecules. These processes lead to improvements in productivity and manufacturing costs while reducing environmental footprint. Attendees will acquire the basic tools to design, run and evaluate multicolumn processes and to quantify these improvements, serving as basis for an economic evaluation. As the least complex of all multi-column processes, the workshop is focused on twin column chromatography.

Scope
- Introduction to continuous chromatography for biomolecules
- Theory of multi-column chromatography
- Design of multi-column chromatography processes
- Hands-on training on twin column equipment capture and polishing applications
- Process performance evaluation and scale-up
- Introduction to process modelling

This workshop does not cover 4-zone SMB, chiral and small molecule separations.

Target Audience
This seminar is aimed at industry and academic separation scientists and process development engineers who already have some familiarity with single column chromatography and who want to broaden their understanding of chromatographic processes and look at new and more efficient ways to separate and polish biomolecules.
Format
The seminar comprises presentations and interactive workshops using laboratory-scale Contichrom CUBE twin column separation & purification systems. Subject matter experts and graduate assistants will support the participants during the interactive workshops and data analysis sessions. While the full seminar covers both capture (CaptureSMB, track 1) and polishing applications (MCSGP, track 2), an abbreviated seminar may be attended focusing just on polishing applications (MCSGP, track 2). Detailed information on the seminar content can be found on the website.

Note: As the workshops will take place in a laboratory environment we ask that participants dress appropriately. Safety glasses and lab coats will be provided.

Seminar fees
The seminar fee is CHF 3'000 for the full seminar (track 1+2), (CHF 2'500 for track 2 part alone). This includes lecture summaries in paper and electronic formats, materials used during the workshop, internet access (Wifi), lunch and coffee breaks as well as participation in the evening program/dinner. It does not include accommodation, travel costs or catering other than indicated above.

Venue
FHNW Campus Muttenz
School of Life Sciences FHNW
Hofackerstrasse 30
4132 Muttenz

Registration and further information
More Information and registration under: www.fhnw.ch/ccb. Application deadline is July 31st 2023
Dr. Thomas Villiger
Team leader Bioprocess Technology
Telephone: +41 61 228 52 46 (direct)
e-mail: thomas.villiger@fhnw.ch

Supported by

www.fhnw.ch/hls