



Continuous Chromatography Seminar and Training Workshop

Sponsored by ChromaCon, LEWA and Merck

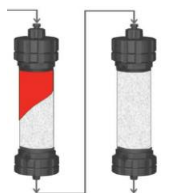
Continuous bioprocessing has a major impact on the development and production of biopharmaceuticals.

This two – day NIBRT course will include a seminar and training on continuous downstream processing.

The seminar will provide presentations from opinion leaders and practitioners in this field and will outline emerging trends in continuous downstream processing.

The training will take place at NIBRT and will include practical lab work including experimental Design, execution and data analysis of continuous capture chromatography.

The seminar consisting of lectures can be booked separately. The training course is limited to a maximum of 8 participants





Who should attend?

The seminar is intended for executives, scientists and engineers in the field of biomanufacturing interested in advances made in continuous bioprocessing.

The workshop is intended for research/development scientists, process engineers and manufacturing operators/technicians.

A basic understanding of chromatography techniques and practical hands-on experience is required for the workshop.

Training course description

The one day training course focuses on the theory and practical aspects of continuous chromatography technology in process development and biomanufacturing.

Hands-on laboratory demonstrations with actual runs of a continuous capture process for mAbs will provide participants with a comprehensive overview of continuous process design, execution and data analysis. The course will also show how continuous purification processes can be integrated into end-to-end continuous bioprocessing connecting upstream with downstream processes.

Key topics of this course are design, development, operation, tech transfer, scale-up, and validation aspects of continuous downstream processes in biomanufacturing.



Wed 11th & Thu 12th April 2018

COURSE AGENDA:

DAY 1: Seminar

- > End-to-end continuous biomanufacturing
Presentation by Prof. Massimo Morbidelli, ETH Zurich
- > Continuous chromatography case studies
Presentation by Dr. Thomas Müller-Späth, ChromaCon
- > Next generation continuous membrane chromatography processes
Presentation by Dr. Thomas Müller-Späth, ChromaCon
- > QbD and continuous processing
Presentation by Dr. Alessandro Butte, ETH Zurich
- > Scale-up continuous bioprocessing systems
Presentation By Dr. Mary Jo Wojtusik, LEWA
- > Next generation downstream processes: integrated continuous platform for antibody purification
Presentation by: Tiago Albano, Univercells
- > A novel cation exchange resin for the removal of mAb aggregate in flow-through frontal chromatography
Presentation by: Dr. Romas Skudas, Merck

DAY 2: Workshop

- > General: Continuous processes overview
- > Process development of continuous processes
- > Hands-on: Process Design for capture
- > Hands-on: Continuous capture runs of mAbs
- > Hands-on: Data Evaluation of runs
- > Wrap-up

For further information and bookings please contact:

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