



# Continuous Chromatography Workshop

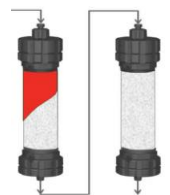
by UMass Lowell, MilliporeSigma, YMC and ChromaCon.

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

This course will provide the necessary theory and hands-on training for continuous downstream processing.

The training will take place at UMass Lowell, MA, and will include practical lab work including experimental design, execution and data analysis of continuous capture chromatography.

The number of participants is strictly limited to ensure an efficient learning environment.



The event is supported by:





## Who should attend?

The workshop is intended for research and 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.



**Wednesday**  
**20<sup>th</sup> November 2019**  
**9:00 – 17:00**

## COURSE AGENDA:

- > 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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