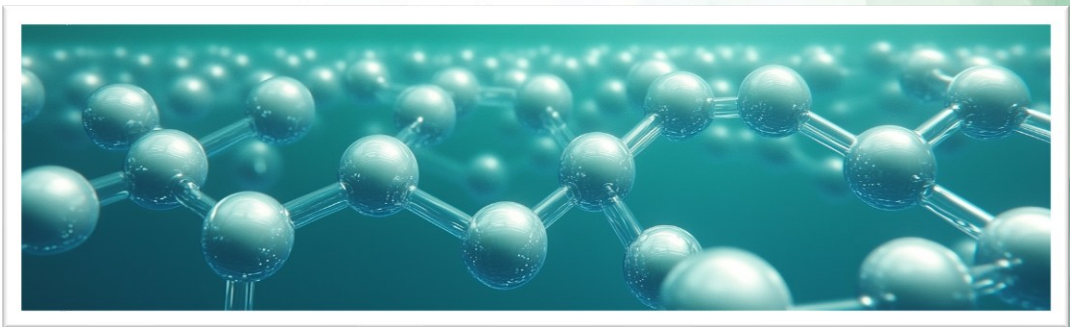
University of Applied Sciences and Arts Northwestern Switzerland

YMC ChromaCon

3-Day Course:
Continuous Chromatography for mAbs, Oligonucleotides & Peptides



Institute for Pharma Technology, FHNW, Switzerland
8th – 10th September 2026

Lectures & Workshops

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

More Info & Registration

YMC ChromaCon

Webiste Link: https://www.fhnw.ch/en/continuing-education/lifesciences/continuous-chromotography

Course Director: Prof. Dr. Thomas Villiger - thomas.villiger@fhnw.ch

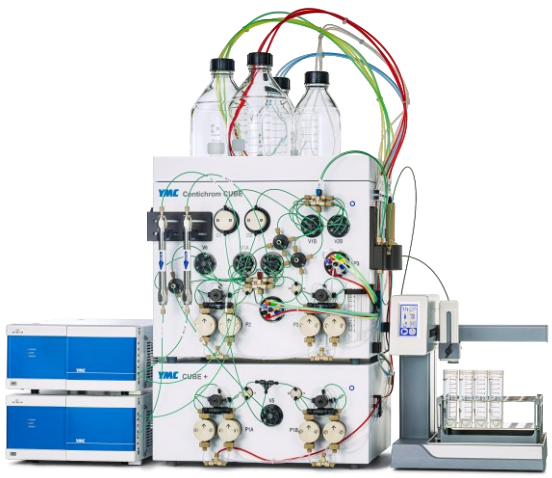
Price: CHF 3000

Course Leaders:

Massimo Morbidelli,
Ph.D., Professor of Chemical Reaction and Separation Technologies in the Department of Chemistry, Politecnico di Milano.

Thomas Müller-Späth,
Ph.D., CEO at YMC ChromaCon in Zurich

Equipment: Contichrom CUBE



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Full Program Info
(Sept 8th – 10th 2026)

YMC ChromaCon

	Activity	Time (hrs)	Topic	Instructor
Day 1	Lecture 1	0.5	Production of Bio-Therapeutics	Massimo Morbidelli
	Lecture 2	1	Fundamentals of Large-Molecule Chromatography	Massimo Morbidelli
	Lab Workshop 1	1.5	Contichrom CUBE and Batch Capture	ChromaCon Team
	Lunch	1		
	Lecture 3	1	Continuous Countercurrent Chromatography Introduction and its application to Affinity (Capture)	Massimo Morbidelli
	Lecture 4	1	Performance Evaluation of Continuous Chromatography	Massimo Morbidelli
	Lab Workshop 2	2	CaptureSMB	ChromaCon Team
	Evening Program		Reception	
Day 2	Lecture 5	1	Bind and Elute (Polishing) Chromatography	Massimo Morbidelli
	Lab Workshop 3	1	Linear Gradient Chromatography	ChromaCon Team
	Lunch	1	Lunch	
	Lab Workshop 4	0.5	MCSGP + AutoPeak	ChromaCon Team
	Lab Workshop 5	1	Evaluation of Batch and CaptureSMB	ChromaCon Team
	Group presentation	0.5	Presentation of Capture Results by Groups	Thomas Müller-Späth
	Evening Program		Social program + Dinner	
Day 3	Lecture 6	1.5	Modeling and Simulations	Thomas Müller-Späth
	Lab Workshop 7	1.25	Evaluation of MCSGP	Thomas Müller-Späth
	Lunch	1	Lunch	
	Group presentation	1	Presentation of Polishing Results by Groups	ChromaCon Team
	Lecture 7-I:	0.5	Scale-up of continuous chromatography (part I)	Thomas Müller-Späth
	Lecture 7-II:	1.5	Scale-up of continuous chromatography (part II) Guest Speaker: Ralf Eisenhuth, Bachem, Switzerland	Thomas Müller-Späth
	Lecture 8	1.5	Lecture 8: N-Rich Process for Isolation of Impurities	Thomas Müller-Späth
	Course Review	0.5	Course Wrap-up	Thomas Müller-Späth
	Finish	0.5	Guided lab tour (optional)	ChromaCon Team