



# Chromatography Workshops

## Downstream Processing & Multi-Column Chromatography:



Your #ChromatographyExperts provide a hands-on introduction to biomolecule purification using chromatography and continuous chromatography. Participants gain practical expertise through dynamic binding capacity tests, resin and method evaluation, and column packing at both laboratory and pilot/process scale.

### Why Tosoh Trainings?

- Training history since 1997
- Become part of the network of over 2000 technicians and scientists trained in our Chromatography Workshops
- 99% of students recommend training courses at Tosoh to colleagues with an average satisfaction rate of > 90%\*
- Classroom training provides hands-on learning for the most immersive experience. Enjoy talks and practical hands-on experiments under the guidance of qualified tutors

*\* course evaluation of training attendees 2009-2019*

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**SEPARATION & PURIFICATION**

CONNECTING MINDS. TOUCHING LIVES.

Training Location: Tosoh Bioscience GmbH  
Im Leuschnerpark 4, 64347 Griesheim,  
Germany



# Tosoh Academy

## Downstream Processing

### Program (Tuesdays)

- 8:30 Welcome, Introduction, Expectations
- 9:15 Introduction to Basic Chromatography Modes Part 1
- 10:15 Coffee Break
- 10:30 Introduction to Basic Chromatography Mode Part 2
- 11:30 Process Column Packing - Basics
- 12:30 Lunch
- 13:30 Introduction to Packing Radial Flow Columns
- 14:00 Training in Rotating Groups
  - 1. Pack & Qualify a Lab Scale Column
  - 2. Determine Binding Capacities
  - 3. Pack & Qualify a Process Scale Column
  - 4. Pack & Qualify a Radial Flow Column
- 17:00 End
- 18:00 Dinner & Outing

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# Tosoh Academy

## Downstream Processing

### Program (Wednesdays)

- 9:00 Packing of Process Chromatography Columns - Troubleshooting
- 9:45 Training in Rotating Groups  
Experiments 1.-4. Continued
- 12:45 Lunch
- 13:45 Strategies in Chromatographic Method Development
- 14:45 Coffee Break
- 15:45 Summary & Discussion
- 16:30 End of day

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## Multi-Column Chromatography

### Program (Thursdays)

- 8:30 Welcome, Introduction, Expectations  
Multi-Column Chromatography Basics
- 10:45 Coffee Break
- 11:00 Process Development  
Hands-On Workshop: Continuous Capture at  
Development Scale
- 12:30 Lunch
- 13:00 Process Analysis, Assessment, and Troubleshooting  
Design Space and Process Optimization
- 14:45 Coffee Break
- 15:00 Transfer to Production and Economics  
Live Show - MCC at Manufacturing Scale  
Present and Future of Continuous Chromatography
- 17:00 End of the Day

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## Prices, Packages and Dates

### Choose your module(s):

- DSP (2 days) - 1.999 €
- MCC (1 day) - 999 €

### Or select a value package:

- DSP & MCC (3 days) - 2.799 €

### Available sessions 2026

- Autumn: 17-19 November
- Additional MCC modules available on:  
16-Jul., 13-Aug., 17-Sep., 15-Oct., and 10-Dec.

Please register by filling in the [registration form](#)  
and sending it to [productmanagement.tbic@tosoh.com](mailto:productmanagement.tbic@tosoh.com)

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