

Chromatography Workshops

Analysis of Biomolecules: Education & Trainings 2026



Our biomolecule analysis chromatography courses provide a focused introduction to HIC, IEX, and SEC(-MALS). Participants gain essential theory, method development insights, and data evaluation through real-world protein, nucleic acid and delivery particle examples. The modular format builds expertise across key bio-LC modes, supported by targeted troubleshooting.

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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Tosoh Academy Workshop on Hydrophobic Interaction & Ion Exchange Chromatography

Target Molecules: Proteins, mAbs, nucleic acids, delivery particles

Program (Tuesdays)

- 9:00 Opening Remarks
- 9:30 Fundamentals of HIC
- 10:00 Method development (column, mobile phase etc.)
- 10:45 Coffee Break
- 11:00 Applications and case studies
- 11:40 Troubleshooting (& discussion of your own chromatograms)
- 12:15 Lunch
- 13:15 Fundamentals of IEX
- 13:45 Method development (column, mobile phase etc.)
- 14:30 Coffee Break
- 14:45 Applications and case studies
- 15:30 Troubleshooting (& discussion of your own chromatograms)
- 16:30 End of day

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Tosoh Academy Workshop on Size Exclusion Chromatography

Target Molecules: Proteins, mAbs, nucleic acids, delivery particles

Program (Wednesdays)

- 9:30 Basics of SEC
- 10:00 Column selection, Column calibration
- 11:15 Coffee Break
- 11:30 Mobile phase selection
- 12:15 Lunch
- 13:15 Detectors
- 14:00 Applications for Biomolecules
- 14:45 Coffee Break
- 15:00 Troubleshooting (& discussion of your own chromatograms)
- 18:00 Dinner & Outing

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Tosoh Academy Workshop on Multi Angle Light Scattering Detection

Target Molecules: Proteins, mAbs, nucleic acids, delivery particles

Program (Thursdays)

- 9:30 Introduction to MALS
- 10:30 MALS in combination with other detectors (incl. triple detection)
- 11:00 Coffee Break
- 11:15 Applications for Biomolecules
- 12:00 Lunch
- 13:00 Practical considerations, Hands-on analysis
- 15:15 Coffee Break
- 15:30 Troubleshooting
- 16:30 End of day

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Prices, Packages and Dates

Choose your module(s):

- HIC (½ day) — 649 €
- IEX (½ day) — 649 €
- SEC (1 day) — 999 €
- MALS (1 day) — 999 €

Or select a value package:

- Native HPLC (IEX + HIC + SEC = 2 day) — 1,799 €
- SEC-MALS for biomolecules (2 day) — 1,799 €
- Native HPLC incl. SEC-MALS (IEX + HIC + SEC + MALS = 3 day) — 2,599 €

Available sessions 2026

- Spring/April: 21–23 April
- Summer/June-July: 30 June – 2 July
- Autumn/October: 6–8 October

Please register by filling in [the registration form](#) and sending it to andrea.krumm@tosohbioscience.com

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