bio-techne® / proteinsimple



Bio-Techne Conference Schedule

Join us at our lunchtime technical seminar on **September 9, 2025, at CE Pharm** or stop by **Booth #7** to learn what's new. We're excited to share our latest solutions for advancing biotherapeutics. During the talk, we will be giving away a JBL speaker, AirPods, and more.

Lunch Technical Seminar

Salon A-C

Tuesday, September 9, 2025
1:00-2:00 pm

Advances in Capillary Electrophoresis for Biotherapeutic Development
Presenter: John Orlet, Pfizer



Dr. Orlet will showcase a DoE study comprising 18 biotherapeutic molecules to evaluate the comparability of their imaged capillary electrophoresis (iCE) method's equivalency between iCE3 and Maurice for charge heterogeneity analysis using multiple iCE methods. He will demonstrate that the two systems are equivalent for iCE analysis and that methods can be transferred from the iCE3 to Maurice for all 18 biotherapeutic molecules.

Presenter: Nelly Luong, Technical University of Braunschweig



Ms. Luong will present a workflow for a preparative fractionation method for the mAb Matuzumab using the MauriceFlex system, followed by offline analysis using mass spectrometry (MS). She will describe the changes she made to the Maurice analytical icIEF method - increasing the antibody concentration substantially and adding L-arginine as a cathodic spacer - to improve the sensitivity of the MS results.

Technical Talks

Salon A-C

Improving ADC Sample Stability in icIEF by Altering Separation Matrix pH – a Case Study
Presenter: Huiyuan Li, Bristol-Myers Squibb Company

Tuesday, September 9, 2025
2:25-2:50 pm

Utilizing Fluorescence Detection to Improve icIEF Analysis
Presenter: Gianna Pescatore, Eli Lilly and Company

Tuesday, September 9, 2025
4:35-4:45 pm

Advanced Charge Heterogeneity Profiling of Antibody Drug Conjugates via icIEF Fractionation and Mass Spectrometry
Presenter: Xiaochan Zhang, MilliporeSigma

Wednesday, September 10, 2025
3:00-4:30 pm

Poster Presentations

Simplifying the Challenges in ADC Analysis using Maurice
Presenter: Will McElroy, Bio-Techne

MauriceFlex Fractionation of charge variants accompanied by LC-MS and Digital SPR Analysis correlates Structure to the Function of a mAb
Presenter: Jiaqi Wu, Bio-Techne

Resources

Discover valuable CE resources by scanning the QR code or clicking the link in the PDF to explore a realm of specialized tools and insights waiting for you.



Join the Bio-Techne Academy to take your instrument usage to the next level: explore new techniques, optimized workflows, and sharpen your expertise. This free online platform offers training for every level of instrument users.

Improve Expertise

Scan the QR Code
academy.bio-techne.com/learn



Read our quarterly CE Chronicles eNewsletter to get in-depth access to the latest resources related to biotherapeutic charge and size characterization CE. Each issue has a focused theme and related content, including AAV analysis, CE-SDS, and more!

Discover More

Scan the QR Code
bio-techne.com/ce-chronicles



Explore our recently updated brochure to learn more about the Maurice family of instruments, including the powerful MauriceFlex, a one-stop system for automated cIEF and CE-SDS. Get protein charge and size data with the option of icIEF protein fractionation for downstream characterization using mass spec or SPR - all in one platform - on mAbs, ADCs, fusion proteins, AAVs, and more.

Learn More

Scan the QR Code
bio-techne.com/maurice-brochure



Read how the Maurice system enables robust characterization of antibody-drug conjugates (ADCs) through high-resolution charge and size-based analysis. The icIEF method is less impacted by linker-drug effects compared to IEX, while the CE-SDS method helps to validate the structure and subunit profiles of the ADCs.

Explore App Note

Scan the QR Code
biotechne.com/an-adc-maurice



Implement a novel and rapid platform icIEF method that is 2.5X faster than standard icIEF methods. As published in Electrophoresis, this fast icIEF method, which utilizes ampholytic blockers and stepped voltage ramps, can positively impact high-throughput applications across various drug development stages.

Read Publication

Scan the QR Code
doi.org/10.1002/elps.202400117



Obtain valuable information to prepare for your transition from iCE3 to Maurice, including key publications, summaries from customers who have completed their bridging studies, bridging study models, timelines, FAQs and reagents that will still be available after the iCE3 instrument service support is discontinued.

Get Started

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