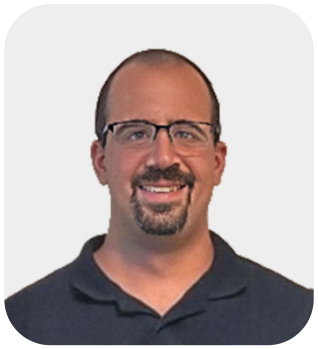
R&D systems
by bio-techne



PEGS
Conference Schedule

Stop by **Booth #417** at the **PEGS Conference** from **May 11-15, 2026**, or join us at our **Technical Seminar** on **May 14** to hear about accelerating throughput for charge variant analysis. We're excited to meet with you at our booth or posters to hear about your challenges and share details on our latest innovations for advancing biotherapeutic characterization.



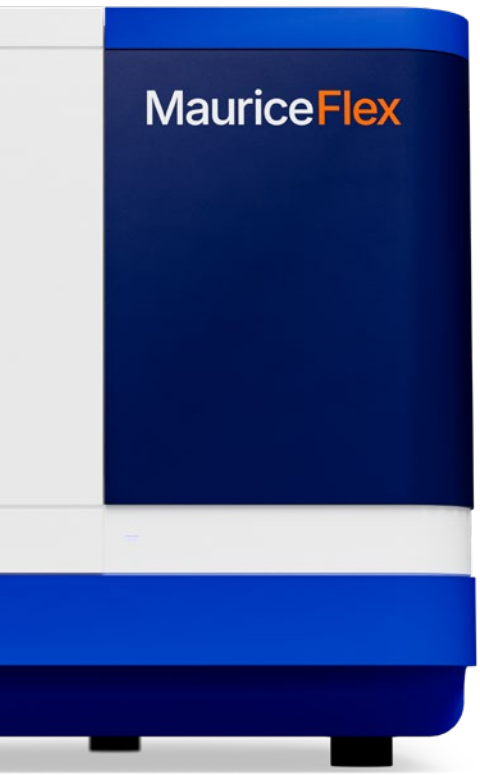
Michael Grasso PhD
Senior Scientist, Merck

TECHNICAL SEMINAR

Characterization for Novel Biotherapeutics

Thursday, May 14, 10:20-10:50AM

As sample numbers increase, scientists are seeking strategies to improve productivity and throughput. Dr. Michael Grasso (Merck) describes the successful implementation and positive impact of a new icIEF method on the analysis of four different biotherapeutic classes (mAbs, Fc Fusion proteins, bispecifics and ADCs). Using the published SupersonicIEF method, which uses "blockers" within the master mix to allow for a faster, higher voltage focusing time without losing sample resolution, his team tested different molecules within Merck's large molecule pipeline to assess feasibility of this faster icIEF method. Their work demonstrated the relative ease of adopting the SupersonicIEF method for many existing protocols, establishing a quicker, higher throughput charge variant analysis for in-process samples.



POSTERS

High Throughput Antibody Production Combined with Rapid Characterization on the Maurice System Reveals Biophysical Properties Important for Lead Candidate Identification

Thursday, May 14, 10:50AM-2:05PM
Poster: C028 | **Presenter:** Matt Heidtman, Bio-Techne

Streamlined Cell Line Development of a CD28 Antibody: Integrating TcBuster and AMBR Technology with Multi-Attribute Characterization

Thursday, May 14, 10:50AM-2:05PM
Poster: C029 | **Presenter:** Srinivasa Rao, Bio-Techne

Combining icIEF-fractionation and Mass Photometry to Provide Insights on Bispecfic Charge Variants and Aggregation

Thursday, May 14, 10:50AM-2:05PM
Poster: C092 | **Presenter:** Gael Nicolas, Refeyn

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 or visit
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, novel modalities and more!

Discover More

Scan the QR code or visit
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, with the option of icIEF protein fractionation for downstream characterization using mass spec or SPR on mAbs, ADCs, fusion proteins, AAVs, and more.

Learn More

Scan the QR code or visit
rndsystems.com/maurice-brochure



Access our eBook to learn about reliable analytical tools for protein charge and size characterization of next-generation biotherapeutics. These novel modalities introduce unique challenges to analyzing critical quality attributes (CQAs). Discover how icIEF, icIEF-fractionation and CE-SDS are providing critical insights into ADCs, fusion proteins, bispecifics, AAVs and LNP biomolecules.

Learn More

Scan the QR code or visit
rndsystems.com/
ebk-next-gen-biologics



Obtain valuable information in this brochure to help make the transition from iCE3 to Maurice platforms, including key publications, bridging study models, timelines, FAQs and reagents that will still be available after the iCE3 instrument service support is discontinued in June 2029.

Explore Resources

Scan the QR code or visit
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ice3-transition-brochure

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