



CESI Symposium October 26th 2020 Pre Conference Training - Abstracts

For laboratory researchers who want to familiarize themselves with the technique, related tips and tricks, in an environment open to questions and discussion.

Intro to CESI-MS Technology

This talk will discuss what is CE-MS in general and in particular CESI-MS, which is a sheathless device to transfer CE separations into electrospray MS. It will look at different ways to connect CE with MS and show how CESI differs from conventional approaches and how the ultra-low flow CESI approach provides benefits.

Applications

CESI-MS provides a unique approach to detecting previously undetectable characteristics from using just a couple of nL of sample. This is why CESI-MS is gaining popularity for high-resolution separation of charged and polar metabolites, peptides and proteins rich in particular post-translational modifications, which are sometimes missed by LC-MS techniques. This talk will highlight the areas where CESI-MS is being used.

Tips and Tricks

This presentation will help you optimise your CESI-MS workflows. Here, we will provide guidance on how to choose the right MS and buffer system, how to develop the right CESI-MS method for your analyte and what factors affect the results. Finally we will look at ways to trouble shoot your applications.

Ask the Experts Roundtable (SCIEX)

Discussion forum led by CE-MS experts to address open questions from the field and drive discussions where the CE-MS technology is heading.