

November 4, 2026 (14:45-15:30)



VENDOR SEMINAR:

From known risks to hidden threats: Comprehensive and advanced workflows for contaminant analysis with SCIEX Triple Quad, QTRAP, and High-Resolution Mass Spectrometry (HRMS)

Ensuring regulatory compliance through confident quantitation, screening, and reliable identification of regulated and emerging contaminants

Dr. Jianru Stahl-Zeng and Aidan Harrison, SCIEX

Food safety laboratories must address increasingly stringent regulatory requirements while monitoring a broad and continually evolving range of chemical contaminants, including pesticide residues, veterinary drug residues, mycotoxins, PFAS, process contaminants, and other emerging substances. This workshop will demonstrate how complementary SCIEX Triple Quad, QTRAP, and High-Resolution Mass Spectrometry (HRMS) platforms can be integrated within a comprehensive analytical strategy to support regulatory compliance and enhance laboratory efficiency.

The workshop will cover the applications of SCIEX nominal-mass and high-resolution mass spectrometry for highly sensitive targeted quantitation and confirmatory analysis, alongside HRMS workflows for broad-scope quantitation and screening. Key topics will include method development, quantitative performance, confidence in compound identification, data processing workflows, and the implementation of multi-residue methods aligned with current food safety regulations and guidance documents.

Through real-world application examples, participants will gain insight into how nominal-mass and high-resolution MS technologies can be leveraged together to deliver robust, reliable, and defensible analytical results, enabling laboratories to meet today's compliance demands while maintaining the flexibility to address emerging contaminant risks.