

Analytical Innovation Spotlight on omics

Welcome to the monthly newsletter that keeps you updated on chromatography and mass spectrometry innovation.

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Metabolomics analysis

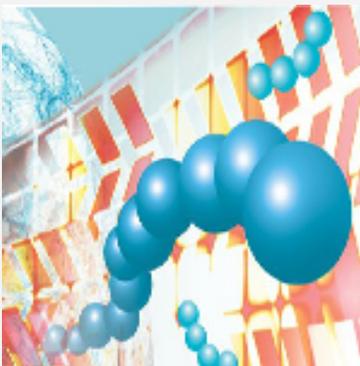
Webinar recording: Quality assurance and quality control practices in untargeted metabolomics;

Annie Evans, Ph.D. Director R&D, Metabolon, Inc.

[Watch webinar on demand>](#)

Do you have gaps in your metabolomics analyses?

[Read the blog>](#)



Proteomics analysis

Get help on protein sample preparation, quantitation, white-papers, posters and webinars to improve your protein mass spectrometry results.

[Access resource centre>](#)

A biologist's guide to modern techniques in quantitative proteomics.

[Find out more>](#)



Proteomics webinars

Decipher the single cell proteome and explore with new depths of sensitivity. Discover clinically relevant biomarkers and see how to enter into routine quantitation applications in clinical research. See our workflow and technology solutions that will take you from research to routine analysis.

[Join on demand>](#)



Multiplex proteome analysis help

Ramp up your proteome analysis with simultaneous proteome-wide measurements across 16 samples.

[Get Thermo Scientific TMTpro reagents>](#)

Quantify 500+ human plasma proteins in a single run with Thermo Scientific SureQuant kits.

[Find out more>](#)

Multiplexing single cell proteomics: A marriage of sensitivity and throughput

Erwin Schoof, Head of Proteomics Facility, Copenhagen University describes a 384-well workflow, using standard off-the-shelf components, allows characterization of single cells to a protein depth of well over 1,000 proteins per cell.

[Watch webinar on demand>](#)

Automated sample prep for translational proteomics

Sample preparation is still somewhat manual involving multiple steps to extract, purify, and digest proteins with clean-up before LC-MS analysis. In this webinar Dr. Emily Chen describes a consistent, reproducible, and high throughput sample preparation methodology for omics analysis.

[Watch webinar on demand>](#)

Benchmarking the Thermo Scientific Orbitrap Tribrid Eclipse MS for next generation multiplexed proteomics

An article that evaluates of the utility of the Orbitrap Eclipse Tribrid mass spectrometer (advanced quadrupole filter, optimized FTMS scan overhead) and its new instrument control software features (Precursor Fit filtering, TurboTMT and Real-time Peptide Search filtering).

[More information>](#)



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