

Go beyond

Harness the power of metabolomics

Metabolomics 2023

June 18–22 | Niagara Falls, Canada



Intelligent metabolomics workflows powered by Orbitrap Technology

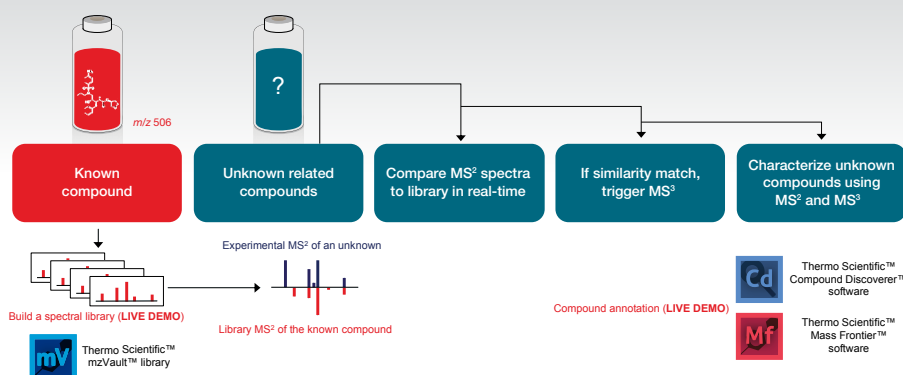
You are cordially invited to join the Thermo Fisher Scientific lunchtime seminar on Wednesday, June 21 from 12:20–1:20pm during Metabolomics 2023 in Niagara Falls, Canada.

With each incremental advance in MS technology comes the practical question of “how do I implement this in my own lab?”. Join us for a tutorial and live demonstration of Real Time Library Search (RTLS) on the Thermo Scientific™ Orbitrap IQ-X™ Tribrid™ mass spectrometer. This data acquisition method can be applied to any class of compounds containing many isomers and isobars

which are indistinguishable via standard MS² fragmentation strategies. RTLS intelligent MS³ data acquisition provides annotation and characterization of unknown compounds in real time while also capturing key untargeted data-dependent MS² fragmentation on additional compounds of potential interest.

This lunchtime workshop will cover the application of RTLS toward flavonoid compound characterization with live demonstration of the following steps required to implement this method:

1. Build your compound library with instrument control template on the Orbitrap IQ-X MS
2. Curate your compound library with Thermo Scientific™ mzVault™ library
3. Annotate unknown MS² and MS³ fragmentation data using Thermo Scientific™ Mass Frontier™ spectral interpretation software



Learn more at thermofisher.com/metabolomics

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