



You are cordially invited to join the Thermo Fisher Scientific lunchtime seminar on Wednesday, 22 June from 12:10 -13:10 during Metabolomics 2022 in Valencia, Spain.

Crossing the Chasm in Metabolomics

A significant amount of data has been generated using metabolomics technologies in the last decade by remarkable improvements in high-resolution, accurate-mass (HRAM) LC-MS platforms and data analysis strategies. However, we are still a long way from getting comprehensive coverage and characterization of all relevant metabolites.

So, what is needed for metabolomics to cross the chasm to become a mature and widely adopted application that can be widely used and make significant contributions in translational research and expand into industrial applications?

This lunchtime workshop will cover three areas, including short discussions led by leaders in the metabolomics community and an interactive Q&A session:

1. Experimental Design – Plan, plan, plan
Understanding biology from metabolomics experiments relies on good experimental design. What intuitive tools are needed for experimental design that drives efficient and relevant decision making?
2. Increasing metabolome coverage
With dynamic range issues and the chemical diversity of metabolites, it's no wonder there are sample preparation, separation and MS ionization challenges. How can we address the analytical challenges in metabolomics with standardized approaches across the entire workflow?
3. Progress in confident “unknowns” identification and annotation.
Is untargeted metabolomics an experiment where you go in with ZERO insights? Can we use what knowledge we have and plan intelligent acquisition for confident annotation?

Join us for a lively, topical session and get metabolomics across the chasm.