BRUKER

Decode Metabolomics: Unraveling Molecular Structures with NMR and Mass Spectrometry for Comprehensive Metabolome Profiling

Hear from renowned experts

Learn more at our
Lunch Seminar
on June 21 at 12:20pm

Professor Elaine Holmes

Director of the Centre for Computational and Systems Medicine and Deputy Director of the ANPC

NMR strategies for phenotyping health and nutritional status

NMR spectroscopy enables the identification of metabolic phenotypes associated with various physiological and pathological conditions, leading to the development of advanced techniques for biomarker extraction, ultimately enhancing clinical diagnostics and offering valuable insights into human health and disease.

David Healey, PhD

VP Data Science at Enveda Biosciences

Trapped ion mobility-based metabolomic profiling and machine learning enable natural products drug discovery at scale

Utilizing TIMS-TOF technology and transformer-based machine learning to efficiently survey and predict properties of natural product metabolites, enabling rapid identification and prioritization of potential drug candidates at scale, bypassing the traditional limitations of costly and time-consuming isolation and structural characterization.

For Research Use Only. Not for use in clinical diagnostic procedures

For more information please visit www.bruker.com

Innovation with Integrity