

# Metabolomics 2026

Buenos Aires, Argentina

June 21-24

## Thermo Fisher Scientific lunch seminar

Debating the dark metabolome: Technologies to illuminate the unknown

Join us on Tuesday, June 23, 12:20 pm – 1:20 pm

Despite major advances in analytical sensitivity and metabolome coverage, a significant proportion of detected features in metabolomics studies remain unidentified, often referred to as the “dark metabolome.” What is holding us back?

This panel discussion will explore the underlying causes, from incomplete spectral libraries and limited availability of chemical standards to biological context dependence and biases in extraction and ionization.

By debating strategic priorities and highlighting enabling technologies, such as enhanced dynamic range (eDR) and the multiple fragmentation modes of the Thermo Scientific™ Orbitrap™ Tribrid™ mass spectrometer, this seminar aims to illuminate the dark metabolome and push metabolomics toward a more comprehensive, and mechanistic science.

Join us for a brief introduction to the latest Thermo Scientific™ solutions designed to tackle these challenges, followed by a thought-provoking panel discussion with leading voices in the field:

- ❖ Rick Dunn, University of Liverpool
- ❖ Yasin El Abied, BOKU University
- ❖ Jennifer Kirwan, University of Veterinary Medicine Vienna
- ❖ Nicola Zamboni, ETH Zurich

Visit us at booth #P5

 Learn more at [thermofisher.com/metabolomics](https://thermofisher.com/metabolomics)