



Bruker Microbiology & Infection Diagnostics

Scientific Symposium with dinner

April 30th, 2026, 7:00 pm, Delta Hotel, Harbourview Room



register now!
space is limited

Join us for an overview of the latest MALDI TOF MS advancements and their impact on today's clinical microbiology workflow. We will highlight key workflow changes compared to previous generations, clarify current system limitations and required ancillary testing, and demonstrate optimized approaches for rapid bacterial ID directly from positive blood cultures. The session will also outline practical applications of MALDI TOF MS for mycology, including yeast and mold identification.

Evaluating Microbial Strain Clustering Using FT-IR Spectroscopy as an Alternative to PFGE



Pulsed-field gel electrophoresis (PFGE) has previously been a standard for investigating clusters of antimicrobial-resistant organisms in healthcare settings, but it is labor intensive and slow. Bruker's Fourier Transform Infrared (FT IR) spectroscopy system (IR Biotyper*) is faster, lower cost, requires less hands-on time, and could be an alternative for investigating clonality. Its potential was analyzed in this study compared to PFGE and alongside both Illumina and Oxford Nanopore whole-genome sequencing methods.

Susan M. Poutanen MD, MPH, FRCPC, Microbiologist & Infectious Disease Physician, University Health Network & Sinai Health, Mount Sinai Hospital

Practical insights and workflow analysis of MALDI-TOF implementation from a clinical laboratory; How the new systems compare to the previous generation of MALDI-TOF MS



Join us for an overview of the latest MALDI TOF MS advancements and their impact on today's clinical microbiology workflow. We will highlight key workflow changes compared to previous generations, clarify current system limitations and required ancillary testing, and demonstrate optimized approaches for rapid bacterial ID directly from positive blood cultures. The session will also outline practical applications of MALDI TOF MS for mycology, including yeast and mold identification.

Prameet M. Sheth MSc. PhD. D(ABMM), F(CCM), Chief, Division of Microbiology, Kingston Health Sciences Centre
Sheri Levesque, Charge Technologist, Kingston Health Sciences Centre

Microbial Identification: Latest Innovations in MALDI Biotyper® and IR Biotyper®* Technologies



Gongyi Shi, PhD
Director, Scientific Affairs
Bruker Scientific, LLC

Agenda

6:30pm: Check-in/Networking

7:00pm: Dinner

7:15pm: Presentations

8:50pm: Q&A / Adjourn



* Not for use in clinical diagnostic procedures. Please contact your local representative for availability in your country.