

22nd May 2025

IFCC Satellite Symposium On Mass Spectrometry

**EUROMEDLAB
BRUSSELS 2025**

May 18-22, 2025



EFLM
European Federation
of Laboratory Medicine



Satellite Meeting

CONGRESS VENUE

BRUSSELS EXPO

Place de Belgique 1

1020 Brussels, Belgium

Dear Colleagues,

It is our pleasure to welcome you to this satellite symposium on Mass Spectrometry in laboratory medicine, held in conjunction with EuroMedLab 2025 in Brussels. This half-day event brings together seven internationally renowned speakers to explore the role, methodologies, and applications of mass spectrometry in laboratory medicine.

Mass spectrometry is transforming clinical diagnostics, offering unparalleled precision in biomarker detection, therapeutic drug monitoring, and disease characterization. However, implementing this technology in a clinical laboratory requires a clear understanding of its principles, capabilities, and technical considerations. Throughout this symposium, we will discuss how mass spectrometry is revolutionizing medical diagnostics, examine its fundamental principles, instrumentation, and workflow considerations, and present applications that demonstrate its impact on patient care. We look forward to engaging discussions and valuable exchanges throughout the sessions.

Welcome, and enjoy the symposium!



Faculty

Adler Jakob

Institute for Hemostaseology and Pharmacology and Institute for Medical Diagnostics of Berlin, Germany

Antunovic Marko

Institute of Toxicology and Pharmacology, National Poison Control Center, Military Medical Academy and Faculty of Medicine, Military Medical Academy, University of Defense, Belgrade, Serbia

Fares Taie Santiago

Fares Taie Biotecnología, Mar del Plata, Argentina

Herrmann Markus

Clinical Institute of Medical and Chemical Laboratory Diagnostics, Medical University of Graz, Austria

Kvasnicka Ales

Department of Medical Biochemistry, Oslo University Hospital, Norway

Le Goff Caroline

Clinical Chemistry, University Hospital of Liege, Belgium

Lenski Marie

Laboratory of Toxicology, Lille University hospital, France

Luckau Luise

National Measurement Laboratory of Teddington, UK

Makris Kostas

Clinical Biochemistry Department KAT General Hospital of Kifissia-Athens, Greece

Rodriguez-Blanco Giovanny

Clinical Institute for Medical and Chemical Laboratory Diagnostics Medical University of Graz, Austria

Sidibe Jonathan

Toxicology and Therapeutic Drug Monitoring Laboratory, University Hospital Geneva, Switzerland

Van der Helm Michelle

Department of Clinical Chemistry and Laboratory Medicine, Leiden University Medical Center, The Netherlands

Programme

22nd May
2025

- 13.00–13.45 **Session 1: Enhancing Clinical Diagnostics: The Role of Mass Spectrometry**
Chair: M. Lenski, C. Le Goff
- Improvement of clinical diagnostics by mass spectrometry: why and how
M. Herrmann
- 13.45–15.15 **Session 2: Technical aspects and methodology**
Chair : K. Makris, M. Van der Helm
- 13.45–14.15 Clinical Mass Spectrometry: Principles And Technical Aspects
J. Sidibe
- 14.15–14.45 Choosing The right Method For The right Analyte – An Overview On Methods In Clinical Mass Spectrometry
G. Rodriguez-Blanco
- 14.45–15.15 Role Of Mass Spectrometry In The Standardisation Of Protein Biomarker Measurements
L. Luckau
- 15.15–16.00 Coffee break and Sponsors' session
- 16.00–16.30 **Session 3: Applications of mass spectrometry**
Chair : S. Fares Taies, M. Antunovic
- 16.00–16.30 Toxicology Abuse And Therapeutic Drug Monitoring In Clinical Routine
J. Adler
- 16.30–17.00 Mass Spectrometry In Endocrinology, Beyond Steroids
C. LeGoff
- 17.00–17.30 Shaping The Future Of Laboratory Medicine With Mass Spectrometry-Based Omics Technologies
A. Kvasnicka
- 17.30–18.00 Closing words

General Information

REGISTRATION
€ 50 + Belgian VAT 21%

To register please click here:
<https://ems.mzevents.it/start/2397/eng>

The Congress' official language is English.

A name badge will be required for access to the congress area. Participants will receive a name badge when they check in at the registration desk. It must be always worn. All properly registered attendees will be entitled to receive a certificate of attendance.

Certificates of attendances will be sent via e-mail after the end of the Congress.



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Congress Venue

BrusselsExpo - Room 1123

Pl. de Belgique 1, 1020 Bruxelles, Belgio

How to arrive: Heyssel Metro Station, Line 6

Sponsor



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