1ST IFCC ROME FORUM
Jointly organised by ETD and EMD

ifcc
International Federation
of Clinical Chemistry
and Laboratory Medicine

PAVING THE ROAD FOR AI IN LABORATORY MEDICINE

APPLICATIONS, CHALLENGES AND IMPLEMENTATIONS

11-12 MAY 2026   **ROME**, VILLA MONDRAGONE UNIVERSITY OF TOR VERGATA

In the past several years, artificial intelligence (AI) has penetrated and influenced our lives in more ways than we can imagine. AI tools are routinely used for example to create or translate a text, plan an experiment, and analyze data. In medicine, in general, and laboratory medicine, in particular, AI utility has been explored and successfully implemented in numerous applications and scenarios.

The 1st Rome Forum will deeply dive into current AI applications in laboratory medicine and critically evaluate them. But most importantly, it will provide a glimpse into the future to see what is on the horizon. The AI applications which will be explored include:
· Pre-, post-, and analytical tools
·Routine administrative clinical lab functions and AI implementation challenges
· Content creation for medical education and research tools
· Algorithm development and validation in various clinical scenarios
· Omics integration

In addition to providing a provocative program, The Rome Forum offers several unique features:
· Fully interactive and untraditional means of delivering information
· Includes all stakeholders such as clinicians, laboratorians, IT and IVD scientists and regulators
· Limited number of attendees of 150 to provide the perfect environment for discussion and exchange of ideas in an idyllic setting, a hill-top 14th century papal villa

Preliminary Sessions & Speakers

Co- Chairs: Damien Gruson, Nader Rifai

Keynote address:

AI in Laboratory Medicine, Fei Wang (US)

Sessions:

AI applications in the pre-analytical Phase
Christopher Garcia (US), Brendan Graham (US), Christopher-John Farrell (Australia)

AI role in the analytical and post-analytical Processes
Michael King (Germany), Yan Liu (China), Stephen Master (US)

What's Holding Back the Broad Adoption of AI Models Built on Laboratory Data?
Umar Ansari (US), Jacqueline Lammert (Germany), Sarina Yang (US)

Utility of AI tools in medical education and research
Nader Rifai (US), Fei Wang (US), Ian Young (UK)

Clinical AI Validation Pathways in Cardiovascular Medicine
Dimitrios Doudesis (UK), Cedric Hermans (Belgium), Benoît Macq (Belgium)

Sepsis Models: Past failure, future success?
Thorsten Kaiser(Germany), Bobby Reddy (US), Andrew Wong(US)

AI role in the building of a cross-disciplinary governance for multi-omic integration
Christa Cobbaert (Netherlands), Elie Fux (Germany), Xu Bo (China), Andrew South (US)

Scientific committee

Damien Gruson, *Co-chair*
Nader Rifai, *Co-chair*

Sergio Bernardini
Andreas Bietenbeck
Yan Liu
Steve Master
Michael King
Sarina Yang

MZ EVENTS

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Conference Venue

ROME, VILLA MONDRAGONE UNIVERSITY OF TOR VERGATA

Via Frascati 51
00140 – Monte Porzio Catone
Roma

Villa Mondragone has a large car park. Hotel information will be provided shortly.

HOW TO GET TO THE VENUE

By bus from Roma Termini
- At Roma Termini station, take the FL4 regional train towards Frascati (trains to Frascati depart every hour, and the journey takes about 30 min).
- From Frascati station, take the Cotral bus to Monte Porzio Catone.
- Get off at the stop closest to Villa Mondragone and continue on foot, following the signs.

By bus from Rome Anagnina
- Go to Anagnina underground station (line A of the Rome underground).
- From Anagnina station, take a Cotral bus bound for Monte Porzio Catone.
- Get off at the stop closest to Villa Mondragone and continue on foot, following the signs.

LIMITED SEATS AVAILABLE. **EARLY REGISTRATION** IS RECOMMENDED.

Secretariat Desk Onsite

The Secretariat Desk will be open on May 11 and 12 from 08.00 till the end of the conference. You could collect your congress bag and your badge.

Certificate of Attendance

All registered attendees will receive the Attendance Certificate by email after the conference.

Cancellations

– Registrations cancelled within April 15, 2026 will result in a 20% penalty
– afterwards, registrations will result in a 100% penalty

Remittance

Registration fees shall be paid by credit card or bank transfer through the online system.
When paying by bank transfer, a copy of the transfer receipt must be sent to patrizia.sirtori@ mzevents.it. Registrations without proof of payment will not be accepted. The registration secretariat will send the registration invoice upon receipt of payment, via e-mail. Be sure your e-mail address is filled in correctly.

Language

The official language will be English. No simultaneous translation will be provided.

REGISTRATION FEES	until March 15, 2026	after March 15, 2026
Full Registration	EUR 300,00 + 22% vat	EUR 400,00 + 22% vat
Reduced registration fee for student/Young Scientists*	EUR 100,00 + 22% vat	EUR 150,00 + 22% vat

On-line registration: https://ems.mzevents.it/start/2541/eng

*Please note that we identify Students and Young Scientists as participant less than 40 years of age as of 1st January 2026.

THE REGISTRATION FEE INCLUDES:
• F&B services as indicated in the program • Certificate of Attendance