

Under the Auspices of:



Organized By:



2nd Annual Meeting of Emirates Clinical Chemistry Society

20-21 November, 2026 | Le Meridien Dubai Hotel



Welcome Message



Dear Colleagues,

It is our pleasure to invite you to the **2nd Annual Meeting of Emirates Clinical Chemistry Society (ECCS)**, taking place on **20–21 November 2026** at Le Méridien Dubai Hotel.

Organized by the **Emirates Clinical Chemistry Society** and held under the auspices of the **International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)**, this distinguished scientific meeting continues to serve as a leading regional platform dedicated to advancing clinical chemistry and laboratory medicine. It brings together an esteemed group of clinicians, laboratory professionals, researchers, and industry experts to exchange knowledge, share best practices, and explore the latest scientific and technological advancements shaping the future of diagnostics.

Building on the strong success and scientific impact of its inaugural edition, the 2026 meeting aims to further strengthen collaboration across disciplines and promote innovation in laboratory-driven healthcare. The program has been carefully designed to provide a balanced and comprehensive scientific experience over two engaging days.

Day One will be dedicated to updates in clinical chemistry and laboratory medicine, featuring in-depth discussions on recent scientific breakthroughs, emerging diagnostic technologies, quality improvement strategies, and evolving laboratory practices that continue to enhance patient care and clinical decision-making.

Day Two will feature a focused and high-level symposium in collaboration with the IFCC Cardio-Impact Working Group, titled "Prevention and Early Detection of Cardiovascular Diseases: From Risk Assessment to Personalized Action." This special session will highlight the critical role of laboratory medicine in cardiovascular risk stratification, early diagnosis, and the development of personalized preventive strategies that support improved long-term patient outcomes.

The meeting will also provide an important opportunity for professional networking and interdisciplinary collaboration, fostering meaningful dialogue between regional and international experts. Through keynote lectures, panel discussions, and interactive scientific sessions, participants will gain valuable insights into current challenges and future directions in laboratory medicine.

Set in Dubai, a global hub for healthcare innovation and scientific collaboration, the meeting reflects the city's growing role as an international destination for world-class medical conferences that foster knowledge exchange and interdisciplinary partnerships.

We warmly encourage your participation in this important scientific gathering and look forward to your valuable contributions to the discussions that will help shape the future of clinical laboratory practice and healthcare innovation.

Warm regards,

Dr. Laila AbdelWareth

Conference Chair
President of the Emirates Clinical Chemistry Society
Chief Executive Officer
National Reference Laboratory, Abu Dhabi, UAE

Organizing Committee



Dr. Shereen Amer
M.B.Ch.B., M.D., (M.D. Ph.D.), DABCC
Associate Laboratory Director,
Georgia Department of Public Health,
USA, Adjunct Faculty,
Long Island University, New York, USA



Dr. Rania Bedair
Consultant Chemical Pathology
National Reference Lab (NRL)
Abu Dhabi, UAE



Dr. Ola Elgaddar
PhD, MBA, CPHQ
Associate Professor of Clinical
Chemistry, Egypt
Executive Director of Laboratory
Services, Fakeeh Care Group, KSA
Board Member of the Emirates
Clinical Chemistry Society



Maysaa Galal Sherif
Laboratory Director,
Alborg and PHD Group, Dubai, UAE



Sameera Omar Balhamar
Supervisor, Laboratory Services,
National Reference Laboratory,
Abu Dhabi, UAE

Scientific Committee



Dr. Laila Abdel Wareth
Conference Co-Chair
President of the Emirates Clinical
Chemistry Society
Chief Executive Officer,
National Reference Laboratory,
Abu Dhabi, UAE



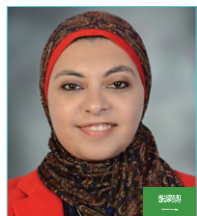
Prof. Damien Gruson
President of Euromedlab 2025 Brussels;
Head of the Department of Clinical
Biochemistry, Cliniques Universitaires.
Saint-Luc., Belgium



Dr. Shereen Amer
M.B.Ch.B., M.D., (M.D. Ph.D.), DABCC
Associate Laboratory Director,
Georgia Department of Public Health,
USA, Adjunct Faculty,
Long Island University, New York, USA



Dr. Fayha Salah Ahmed
Consultant Pathologist,
Division Chief Clinical Chemistry, Immunology
and POCT, Medical Lead Dubai Hospital,
Al Jalila Children's & Latifah Hospital
Department of Laboratory Medicine
and Pathology; Vice President of
Emirates Clinical Chemistry Society (ECCS)



Dr. Ola Elgaddar
PhD, MBA, CPHQ
Associate Professor of Clinical
Chemistry, Egypt
Executive Director of Laboratory
Services, Fakeeh Care Group, KSA
Board Member of the Emirates
Clinical Chemistry Society

Conference Objectives

- Advance knowledge in clinical chemistry and laboratory medicine to support improved patient care and clinical decision-making
- Highlight recent scientific breakthroughs and emerging innovations in diagnostic technologies and laboratory practices
- Bridge the gap between traditional risk assessment and tailored, actionable prevention strategies in cardiovascular diseases
- Discuss quality improvement, standardization, and best practices in laboratory operations and diagnostic services
- Explore evolving challenges and future directions in laboratory medicine within modern healthcare systems
- Emphasize the role of laboratory diagnostics in supporting precision medicine and personalized healthcare approaches
- Promote collaboration between clinicians, laboratory professionals, researchers, and industry experts under the international guidelines
- Facilitate exchange of scientific knowledge through keynote lectures, panel discussions, and interactive sessions
- Strengthen regional and international scientific networking to foster innovation and interdisciplinary collaboration in laboratory medicine

Who Should Attend?

The conference welcomes the following individuals:

- Pathologists
- Laboratory Scientists and Technologists
- Physicians, clinicians, nurses, and other healthcare providers who work closely with pathologists and laboratory professionals in the diagnosis and management of patients.
- Laboratory directors, laboratory managers and Lab supervisors
- Quality assurance personnel
- Fellows, residents and trainees pursuing careers in pathology and laboratory medicine.
- Policy Makers and Regulators involved in healthcare policy, regulation, and accreditation bodies responsible for setting standards and guidelines in pathology and laboratory medicine and other healthcare professionals interested in laboratory medicine.

Speakers



Dr. Anwar Alborai
Section Head Clinical Chemistry
& Toxicology
Pathology and Laboratory Medicine
King Abdulaziz Medical City,
Jeddah, Saudi Arabia



Dr. Fayha Salah Ahmed
Consultant Pathologist,
Division Chief Clinical Chemistry, Immunology
and POCT, Medical Lead Dubai Hospital,
Al Jalila Children's & Latifah Hospital
Department of Laboratory Medicine
and Pathology; Vice President of
Emirates Clinical Chemistry Society (ECCS)



Dr. Azza Attia
Clinical Geneticist,
Head of Clinical Genomics
G42, Abu Dhabi, UAE



Dr. Shereen Amer
M.B.Ch.B., M.D., (M.D. Ph.D.), DABCC
Associate Laboratory Director,
Georgia Department of Public Health,
USA, Adjunct Faculty,
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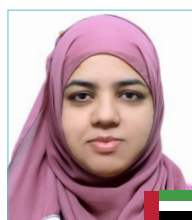
Dr. Gehad Elghazali
Consultant and Service Lead in
Clinical/Transplant Immunology,
Sheikh Khalifa Medical City - PureLab
(PureHealth), Abu Dhabi, UAE



Dr. Sandra El Hajj
PharmD, BCPS, BCTXP
Solid Organ Transplant
Pharmacotherapy Specialist



Dr. Myrna Germanos
President of the Lebanese Syndicate/
Society of Clinical Biologists (SDBLB);
Regional Representative of the Arab Federation
of Clinical Biology (AFCB) on the Executive
Board of the International Federation of Clinical
Chemistry and Laboratory Medicine;
Professor at Saint Joseph University
(Faculty of Pharmacy);
Director of the Hospital Medical Analysis
Laboratories at Hôtel-Dieu de France Hospital



Dr. Mohamedi Begum
Specialist Senior Registrar in
Clinical Biochemistry,
Dubai Hospital/Dubai Health, UAE



Dr. Rania Bedair
Consultant Chemical Pathology
National Reference Lab (NRL)
Abu Dhabi, UAE



Dr. Mohammad Imteyaz Ahmad
Specialist, Clinical Chemistry and Immunology
Al Jalila children Hospital & PHC, Dubai Health, UAE



Dr. Shiefa Sequeria
Clinical Scientist and Division
Operations Manager;
Clinical Chemistry, Point-of-Care
Testing (POCT) and Immunology
Al Jalila Children's Hospital,
Dubai Health, Dubai, UAE



Dr. Sherif Mofeed
Laboratory Director,
Saudi German Hospital, Dubai, UAE
Consultant Clinical Pathologist,
Ass. Prof. of Clinical Pathology,
Cairo University



Prof. Bernard Gouget
President, National Committee for the Selection
of Reference Laboratories, DGS-PPI-Ministry of
Health and access to care;
Past-President-Healthcare Division Executive
Committee, Comité Français d'accréditation
(Cofrac);
Secretary, IFCC Emerging technologies Division
Chair, IFCC-TF on History, France



Prof. James H. Nichols
PhD, DABCC, FADLM
Professor of Pathology,
Microbiology and Immunology
Medical Director of Clinical Chemistry
and Point-of-Care Testing
Vanderbilt University Medical
Center in Nashville, TN, USA

Speakers



Dr. Hemad Yasaei

Head, Molecular Genomics Department,
National Reference Laboratory,
M42, Abu Dhabi, UAE



Dr. Hani Sabbour

Consultant Cardiologist and Cardiac
Electrophysiologist,
Mediclinic Airport Road Hospital,
Abu Dhabi, UAE



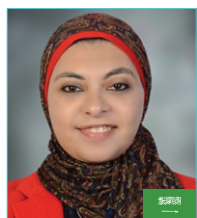
Prof. Damien Gruson

President of Euromedlab 2025 Brussels;
Head of the Department of Clinical
Biochemistry, Cliniques Universitaires,
Saint-Luc., Belgium



Dr. Dima Quraini

Staff Physician, Cardiovascular Medicine,
Heart, Vascular & Thoracic Institute,
Cleveland Clinic, Abu Dhabi, UAE



Dr. Ola Elgaddar

PhD, MBA, CPHQ
Associate Professor of Clinical
Chemistry, Egypt
Executive Director of Laboratory
Services, Fakeeh Care Group, KSA
Board Member of the Emirates
Clinical Chemistry Society



Dr. Deepa Vijay Kumar Mittal Rao

Specialist, Clinical Chemistry and Immunology
Rashid Hospital and Latifa Hospital,
Dubai Health, UAE



Dr. Elie Fux

Team Lead R&D
Roche Diagnostics GmbH



Dr. Pradeep Dabla

Director Professor and Head,
Department of Biochemistry; Member,
IFCC Scientific Division Executive Committee
G.B. Pant Institute of Postgraduate
Medical Education and Research (GIPMER),
Associated with Maulana Azad Medical
College, New Delhi, India



Prof. Sanja Stankovic

Professor, University Clinical Center
of Serbia – Center for Medical
Biochemistry, Belgrade, Serbia;
Faculty of Medical Sciences,
University of Kragujevac, Serbia

Scientific Agenda

Day 1 | November 20, 2026

08:00 – 08:50	Registration & Welcome Coffee
08:50 – 09:00	Opening Remarks
Session 1: Advances in Maternal-Fetal and Neonatal Diagnostics	
Moderator:	
09:00 – 09:25	Clinical Needs and Challenges of Pregnancy Reference Intervals Prof. Anwar Alborai, KSA
09:25 – 09:50	Serum Biomarker Testing for Suspected Hypertensive Disorders of Pregnancy Dr. Fayha Salah Ahmed, UAE
09:50 – 10:15	From PKU to Genome Sequencing: The Journey of Newborn Screening Dr. Azza Attia, UAE
10:15 – 10:45	Official Inauguration
10:45 – 11:00	Coffee Break
Session 2: The Transplant Journey and the Role of Clinical Laboratories	
Moderator:	
11:00 – 11:25	Cellular Therapy Laboratories: What they are and what they do? Dr. Shereen Amer, USA
11:25 – 11:50	The Laboratory Role in Pre-Transplant Screening Dr. Gehad Elghazali, UAE
11:50 – 12:15	Post-Transplant Monitoring of Immunosuppressive Drugs Dr. Sandra El Hajj, UAE
12:15 – 13:30	Prayer & Lunch Break Poster Viewing
Session 3: The Role of Biomarkers in Gastrointestinal Disorders	
Moderator:	
13:30 – 13:55	Biomarkers in Inflammatory Bowel Disease: A Practical Guide Dr. Myrna Germanos, Lebanon
13:55 – 14:20	Fecal Calprotectin in Gastrointestinal Disease Dr. Mohamedi Begum Rafiq Ahmed, UAE
14:20 – 14:45	Biomarkers for Diagnosis of Celiac Disease Dr. Rania Bedair, UAE
14:45 – 15:00	Coffee Break
Session 4: Equation or Direct Assays: The Ongoing Challenge in Laboratory Medicine	
Moderator:	
15:00 – 15:25	Retiring Friedewald: Modern LDL-C Equations Outperform Both the Friedewald Equation and Direct Assays Dr. Mohammad Imteyaz Ahmad, UAE
15:25 – 15:50	Choosing the Right Free Testosterone Assay Dr. Shiefa Sequeria, UAE
15:50 – 16:15	Beyond Race: The New GFR Equations and Their Impact on Patient Care Dr. Sherif Mofeed, UAE
Session 5: The Evolution of Innovation in Clinical Laboratories	
Moderator:	
16:15 – 16:40	The Exposome Revolution, Redefining Health Beyond the Genome Prof. Bernard Gouget, France
16:40 – 17:05	Transforming Healthcare through Environmental Intelligence Prof. James H. Nichols, USA
17:05 – 17:30	Next-generation sequencing (NGS) as a Ground-Breaking Innovation in Clinical Laboratories Dr. Hemad Yasaei, UAE
17:30	End of Day 1

Scientific Agenda

Day 2 | November 21, 2026

08:25 – 09:20 Registration & Welcome Coffee

09:20 – 09:30 Opening Remarks

Session 1:

Moderator:

09:30 – 10:00 Cardiovascular Diseases: A Rising Global Burden and for the UAE
Dr. Hani Sabbour, UAE

10:00 – 10:30 Lipoprotein(a) and Cardiovascular Risk Prevention, from Screening Strategies to Clinical Implementation
Dr. Shereen Amer, USA

10:30 – 11:00 Diabetes and Early Detection of Heart Failure, with a Focus on Biomarkers and Integrated Care Pathways
Prof. Damien Gruson, Belgium

11:00 – 11:15 Coffee Break

Session 2:

Moderator:

11:15 – 11:45 Women's Cardiovascular Biology, highlighting Biological Differences and their Impact on Cardiovascular Diagnosis and Risk Assessment
Dr. Dima Quraini, UAE

11:45 – 12:15 The Role of Emerging and established Biomarkers in Cardiovascular Prevention and Early Disease Detection
Dr. Ola Elgaddar, KSA

12:15 – 12:45 Troponin Testing: Current State of the art, Opportunities, and Clinical Challenges
Dr. Deepa Vijay Kumar Mittal Rao, UAE

12:45 – 13:45 Prayer & Lunch Break | Poster Viewing

Session 3:

Moderator:

13:45 – 14:15 Metabolomics and Lipidomics for Advanced Cardiovascular Risk Stratification
Dr. Elie Fux

14:15 – 14:45 Continuous Education and Collaborative Practices between Laboratory Professionals and Healthcare Providers
Dr. Pradeep Dabla, India

14:45 – 15:15 Technologies and accessibility: new frontiers for cardiovascular prevention, including innovative diagnostics, POCT, and system-level approaches
Prof. Sanja Stankovic, Serbia

15:15 Networking Reception | End of Conference

Conference Glimpse 2025



Conference Glimpse 2025



Conference Glimpse 2025



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HOW TO REGISTER



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Cancellation / Substitution Policy

If you are unable to attend, a substitute delegate will be very welcome in your place. If this is not suitable, a 20% administration fee will apply. Registrations cancelled less than two weeks before the event are non refundable.

Event Venue

Le Meridien Dubai Hotel

The organizing committee reserves the right to make any modifications to the programme in occurrence of any unforeseen circumstances.

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www.eccsforum.com

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