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Organized By:



The First Annual Meeting of the ECCS and the Digital Health & Laboratory Medicine Forum

October 17-18, 2025 – Conrad Dubai, UAE



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Welcome Message



Dear Colleagues,

It is with great pleasure that we invite you to join us at the **The First annual Meeting of the ECCS and the Digital Health & Laboratory Medicine Forum**, organized by the Emirates Clinical Chemistry Society (ECCS) and held under the auspices of the **International Federation of Clinical Chemistry and Laboratory Medicine (IFCC)**. This highly anticipated event will take place on **October 17-18, 2025**, at Conrad Dubai, UAE.

This forum promises to be a landmark gathering, bringing together healthcare professionals, researchers, policymakers, and industry leaders from across the globe. The program is designed to spotlight groundbreaking innovations in digital health and laboratory medicine, with a focus on transforming chronic disease management. Through expert-led keynote presentations, engaging panel discussions, and interactive sessions, participants will explore the challenges, opportunities, and future trends shaping this dynamic field.

Your presence at this forum would be invaluable in enriching the discussions and advancing our shared commitment to healthcare innovation. We would be honored to welcome you as an attendee and greatly appreciate your support in making this event a success.

The forum offers a unique platform to foster meaningful exchanges of ideas, forge new collaborations, and gain critical insights into the latest advancements in digital health and laboratory medicine. It is an unparalleled opportunity to connect with leading experts and peers, while contributing to shaping the future of chronic disease management and improving patient outcomes worldwide.

We sincerely thank you for considering this opportunity and look forward to welcoming you to the Digital Health and Laboratory Medicine Forum 2025.

Together, we can pave the way for a healthier and more innovative future in healthcare.

Warm regards,

A handwritten signature in blue ink, reading 'Laila AbdelWareth'.

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

A handwritten signature in blue ink, reading 'Damien Gruson'.

Prof. Damien Gruson
Conference Co-Chair
Head of the Department of Clinical Biochemistry,
Cliniques Universitaires Saint-Luc,
President of Euromedlab 2025 Brussels
International Federation of Clinical Chemistry and
Laboratory Medicine (IFCC)

Organizing Committee



Dr. Shereen Atef
MD, PhD, DABCC

Associate Laboratory Director,
Georgia Public Health Laboratory, USA
Consultant Clinical Pathologist, UAE
General Secretary of Emirates
Clinical Chemistry Society (ECCS)



Dr. Rania Bedair

Consultant Pathologist
Chief Medical Officer at Life Diagnostics,
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



Prof. Damien Gruson

Conference Co-Chair
Head of the Department of Clinical
Biochemistry, Cliniques Universitaires
Saint-Luc., President of Euromedlab
2025 Brussels, Belgium
International Federation of Clinical
Chemistry & Laboratory Medicine (IFCC)

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



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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



Dr. Shereen Atef
MD, PhD, DABCC

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Georgia Public Health Laboratory, USA
Consultant Clinical Pathologist, UAE
General Secretary of Emirates
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Dr. Ola Elgaddar
PhD, MBA, CPHQ

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Executive Director of Laboratory
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Board Member of the Emirates
Clinical Chemistry Society



Dr. Fayha 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)

Confirmed Speakers



Prof. Khosrow Adeli
PhD, FCACB, DABCC, FAACC
IFCC Past President (2024-2025)
IFCC President (2020-2023)
Head and Professor, Clinical Biochemistry,
Paediatric Laboratory Medicine
Senior Scientist, Molecular Medicine,
Research Institute, The Hospital for Sick
Children/University of Toronto



Prof. Damien Gruson
Conference Co-Chair
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MD, PhD, DABCC
Associate Laboratory Director,
Georgia Public Health Laboratory, USA
Consultant Clinical Pathologist, UAE
General Secretary of Emirates
Clinical Chemistry Society (ECCS)



Dr. Umar Ansari
Global Head of AI Clinical Solutions
AlinIQ Digital Health Solutions
Core Diagnostics, UAE



Dr. Yazan Aljabery
Consultant Cardiac Surgeon
Cleveland Clinic Abu Dhabi, UAE



Dr. Hemad Yasaei
Head of Molecular Genomics
National Reference Laboratory,
Abu Dhabi, UAE



Dr. Anwar Alborai
Pathology Department /
Clinical Biochemistry
National Guard Hospital,
Jeddah, KSA



Dr. Swarup Shah
Senior Molecular Scientist Hinduja Hospital
Executive Committee Member -
Emerging Technologies Division, IFCC
Mumbai, India



Dr. Basel Altrabulsi
Acting Chair of Pathology and
Laboratory Medicine Institute
Cleveland Clinic Abu Dhabi, UAE



Dr. Ali Alothaim
Consultant, Medical Microbiology
Head, Division of Toxicology/
Biochemical Metabolic Lab,
Department of Pathology
King Abdulaziz Medical City,
Riyadh, Saudi Arabia

Confirmed Speakers



Dr. Adrian Glen Miller
Consultant Clinical Biochemist,
Technical Director &
Head of Clinical Chemistry
National Reference Laboratory,
Abu Dhabi, UAE



Prof. Bernard Gouget
President - National Committee for the
Selection of Reference Laboratories (LBMR),
Ministry of Health and Prevention (FR)
President - National Healthcare Committee,
Comité Français d'accréditation (COFRAC)
IFCC Emerging Technology Division (ETD-EC)
Chair IFCC-TF on History
Labac IFCC/EFLM representative



Dr. James Donnelly
Senior Advisor Clinical
Laboratories Northwell Health
New York, USA

Conference Objectives

- Recognize the Current Implementation of Digital Health in Chronic Disease Management
- Discuss Bridging the chasm between AI and clinical implementation in laboratory medicine
- Integrate Data-Driven Healthcare Approaches
- Address the Challenges of Digital Transformation in Healthcare
- Review of Mobile Health Apps and Quality Analysis with Mobile App Rating Scale
- Enhance Patient-Centered Care Through Digital Health
- Evaluate the Future Trends and laboratory role in Digital and Mobile Health
- Promote International Standards and Best Practices
- Engage with experts, researchers, and healthcare professionals to exchange knowledge, share experiences, and build collaborations that drive innovation in chronic disease management

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.



Preliminary Agenda | The First ECCS Annual Meeting

Day 1 | October 17, 2025

07:30 – 08:25	●	Registration & Welcome Coffee
08:25 – 08:30	●	Opening Remarks
	●	PLENARY SESSION:
08:30 – 09:00	●	The Power of Big Data to Derive Common Reference Intervals across Populations Prof. Khosrow Adeli, Canada
	●	SYMPOSIUMS:
	●	Specialized Testing and Emerging Technologies:
09:00 – 09:30	●	Empowering Laboratory Diagnostic Service with Mass Spectrometry Prof. Damien Gruson, Belgium
09:30 – 10:00	●	Next-Generation Sequencing (NGS): Applications in genomics and personalized medicine - Dr. Hemad Yasaei, UAE
10:00 – 10:30	●	Liquid Biopsy: A Revolution in Cancer Diagnostics: Emerging biomarkers and non-invasive techniques
10:30–11:00	●	Official Inauguration
11:00–11:15	●	Coffee Break
	●	Role of Laboratory Medicine in Health Equity:
11:15 – 11:45	●	Redefining Reference Intervals for Eliminating Health Disparities Dr. Anwar Alborai, KSA
11:45 – 12:15	●	Laboratory Tests Accessibility for Better Health Equity - Dr. Hady Elkhodary, UAE
12:15 – 12:45	●	The Role of Public Laboratories in Health Equity - Dr. Ola Elgaddar, UAE
12:45–14:00	●	Lunch Break
	●	Biomarkers for Neurological Disorders: Are We There Yet?
14:00 – 14:30	●	Artificial Intelligence Pathology & Laboratory Medicine: Innovation, Impact, and the Future of Diagnostics Dr. Laila AbdelWareth
14:30 – 15:00	●	The Role of Blood Biomarkers in Diagnosis and Management of Stroke Dr. Shereen Atef
15:00 – 15:30	●	Biomarkers of parkinsonism Disease - Dr. Fayhaa Ahmed
15:30 – 15:45	●	Coffee Break
	●	Unlocking the Power of Precision Medicine
15:45–16:15	●	The Role of Biomarkers in Personalized Medicine: Identifying and validating predictive biomarkers - Dr. Swarup Shah, India
16:15–16:45	●	Pharmacogenomics and Personalized Medicine - Dr. James Donnelly, USA
16:45–17:15	●	Biomarker testing in personalized cancer medicine - Dr. Basel Altrabulsi, UAE
	●	ROUND-TABLE (AFCB):
17:15–18:00	●	Newborn screening: experiences in the Middle East and North Africa Dr. Ali Alothaim, KSA Dr. Rania Bedair, UAE Dr. Adrian Glen Miller, Qatar

Agenda | Digital Health & Laboratory Medicine Forum

Day 2 | October 18, 2025

08:25 – 09:25		Registration & Welcome Coffee
09:25 – 09:30		Opening Remarks
09:30 – 10:00		Keynote Lecture: The Future of Digital Health in Chronic Diseases Management Prof. James Nichols, USA
		SESSION 1: AI, Sensors, and Quality Control in Chronic Diseases Management
10:00 – 10:30		The Role of Artificial Intelligence in Chronic Disease Diagnosis Dr. Shereen Atef, USA
10:30 – 11:00		Secure Data Exchange for Chronic Disease Health Records Dr. Tareque Choudhury, UAE
11:00 – 11:30		Integrating Sensors and Wearable Devices for Chronic Disease Monitoring Dr. Ola Elgaddar, UAE
11:30 – 11:45		Coffee Break
		Session 2: Mobile Health and Patient Empowerment
11:45 – 12:15		Enhancing Patient Empowerment through Digital Tools
12:15 – 12:45		Ensuring Quality Control in Digital Chronic Disease Health
12:45 – 14:00		Prayer & Networking Lunch
		Session 3: Cardiovascular Diseases Management
14:00 – 14:30		Innovations in Digital Health for Cardiovascular Disease Prevention Dr. Yazan Aljabery, UAE
14:30 – 15:00		Point of Care Testing and Task Shifting in Cardiovascular Health Prof. Damien Gruson
15:00 – 15:30		Achieving Interoperability in Digital Health Systems Dr. Bernard Gouget
15:30 – 15:45		Coffee Break
		Session 4: Data Exchange and Interoperability in Digital Health
15:45 – 16:15		Improving Outcomes with Digital Health in Chronic Disease Management Dr. Umar Ansari, UAE
16:15 – 16:45		Mobile Health Technologies for Chronic Disease Prevention
16:45 – 17:15		AI and Sensors in Cardiovascular Disease Monitoring
17:15 – 17:45		Summary of Key Takeaways
17:45		Networking Reception End of Conference

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HOW TO REGISTER



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For further inquiries or any clarifications please contact:

Ms. Fritz Tel: +971 2 4919 888
Mob: +971 54 583 0205
Email: fritz@menaconference.com

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

Conrad Dubai, UAE

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

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Scan the QR code or
visit the website for
more information.



www.eccsforum.com

For registration and further inquiries please contact:

Ms. Fritz

Tel: +971 2 4919888

Mob: +971 54 583 0205

Email: fritzi@menaconference.com

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