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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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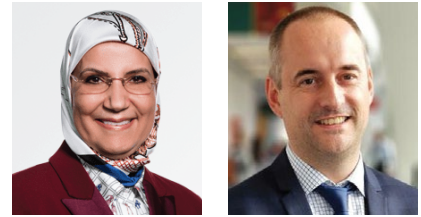


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Welcome Message



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,

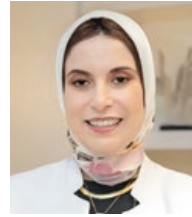
Dr. Laila AbdelWareth
Conference Co-Chair
President of the Emirates Clinical Chemistry Society
Chief Executive Officer
National Reference Laboratory, Abu Dhabi, UAE

Dr. 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,
PhD, DABCC
Adjunct Faculty, Long Island University,
New York, 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



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



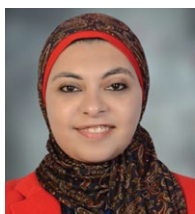
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Prof. James H. Nichols
PhD, DABCC, FADLM
Professor of Pathology, Microbiology,
and Immunology & Medical Director
of Clinical Chemistry and Point-of-Care
Testing at the Vanderbilt University
Medical Center in Nashville, TN, USA



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Board Member of the Emirates
Clinical Chemistry Society



Dr. Fayha Ahmed
Consultant and Head of Biochemistry Unit,
Pathology & Genetics Department,
Dubai Hospital; Vice President of Emirates
Clinical Chemistry Society (ECCS)

Confirmed Speakers



Prof. Khosrow Adeli
PhD, FCACB, DABCC, FAAC
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



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Medical Center in Nashville, TN, USA



Dr. Imran Mirza
Chair, Clinical Pathology
National Reference Laboratory



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Chemistry Society
Chief Executive Officer,
National Reference Laboratory,
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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
08:30 – 09:00	<p>PLENARY SESSION:</p> <p>The Power of Big Data to Derive Common Reference Intervals across Populations</p>
	SYMPOSIUMS:
	Specialized Testing and Emerging Technologies:
09:00 – 09:30	Empowering Laboratory Diagnostic Service with Mass Spectrometry
09:30 – 10:00	Next-Generation Sequencing (NGS): Applications in genomics and personalized medicine.
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
11:45 – 12:15	Laboratory Tests Accessibility for Better Health Equity
12:15 – 12:45	The Role of Public Laboratories in Health Equity
12:45-14:00	Lunch Break
	Biomarkers for Neurological Disorders: Are We There Yet?
14:00 – 14:30	Biomarkers of Alzheimer Disease and Neurological Disorders
14:30 – 15:00	The Role of Blood Biomarkers in Diagnosis and Management of Stroke
15:00 – 15:30	Biomarkers of parkinsonism Disease
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.
16:15-16:45	The Evolving Role of Biomarkers to Enhance Personalized Medicine
16:45-17:15	Biomarker testing in personalized cancer medicine
	ROUND-TABLE (AFCB):
17:15-18:00	Newborn screening: experiences in the Middle East and North Africa

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
	●	SESSION 1: AI, Sensors, and Quality Control in Chronic Diseases Management
10:00 – 10:30	●	The Role of Artificial Intelligence in Chronic Disease Diagnosis
10:30 – 11:00	●	Secure Data Exchange for Chronic Disease Health Records
11:00 – 11:30	●	Integrating Sensors and Wearable Devices for Chronic Disease Monitoring
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
14:30 – 15:00	●	Point of Care Testing and Task Shifting in Cardiovascular Health
15:00 – 15:30	●	Achieving Interoperability in Digital Health Systems
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
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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For registration and further inquiries please contact:

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