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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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www.eccsforum.com

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 that reads "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 that reads "Damien Gruson".

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

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



Prof. Damien Gruson

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

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



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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)



Dr. Mohamedi Begum

Specialist Clinical Biochemist
Dubai Health Authority, UAE

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
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)



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USA, Adjunct Faculty,
Long Island University, New York, USA



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



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



Dr. Hemad Yasaei
Head, Molecular Genomics Department
National Reference Laboratory,
M42, Abu Dhabi, UAE



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



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



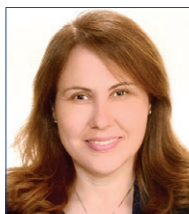
Dr. Adrian Glen Miller
Consultant Biochemist &
Technical Director
National Reference Laboratory,
Abu Dhabi, UAE



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
Ph.D., M.B.A, FCACB,
DABCC (FAACC), FACB
Senior Advisor Clinical Laboratories
Northwell Health
New York, USA



Prof. Iman M. Talaat
Professor and Consultant Anatomic
Pathology, Clinical Sciences Department
College of Medicine,
University of Sharjah, UAE
General Secretary of Emirates
Pathology Society



**Dr. Mohaymen
Abdelghany**
CEO of Fakeeh University Hospital
VP Fakeeh Care
Dubai, UAE



Dr. Hady Elkhodary
Group Laboratory Director
Emirates Hospital Group,
Dubai, UAE



Dr. Anirban Ganguly
Assistant Professor
All India Institute of
Medical Sciences,
Deoghar, India

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.

Call for Abstracts – Scientific Posters

Deadline of Submission: **SEPTEMBER 10, 2025 (22:00 UAE/GST)**

Notification of Accepted Abstracts: **SEPTEMBER 15, 2025**

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:

Moderator: Dr. Laila AbdelWareth

08:30 – 09:00 The Power of Big Data to Derive Common Reference Intervals across Populations
Prof. Khosrow Adeli, Canada

Session 1: Specialized Testing and Emerging Technologies

Moderator: Dr. Mouza AlSharhan

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 – Prof. Iman M. Talaat, UAE

10:30 – 11:00 Official Inauguration

11:00 – 11:15 Coffee Break

Session 2: Role of Laboratory Medicine in Health Equity

Moderator: Dr. Shereen Atef

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

Session 3: Biomarkers for Neurological Disorders: Are We There Yet?

Moderator: Dr. Anwar Borai

14:00 – 14:30 Biomarkers of Alzheimer Disease and Neurological Disorders
Dr. Laila Abdelwareth, UAE

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. Fayha Ahmed

15:30 – 15:45 Coffee Break

Session 4: Unlocking the Power of Precision Medicine

Moderator: Dr. Ola Elgaddar

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):

Moderator: Dr. Rania Bedair

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, UAE

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 Moderator: Dr. Damien Gruson Prof. James Nichols, USA
	Session 1: AI, Sensors, and Quality Control in Chronic Diseases Management Moderator: Dr. Hady Elkhodary
10:00 – 10:30	Artificial Intelligence Pathology & Laboratory Medicine : Innovation, Impact, and the Future of Diagnostics – Dr. Laila AbdelWareth, UAE
10:30 – 11:00	Integrating Sensors and Wearable Devices for Chronic Disease Monitoring Dr. Ola Elgaddar, UAE
11:00 – 11:30	Industry Symposium
11:30 – 11:45	Coffee Break
	Session 2: Mobile Health and Patient Empowerment Moderator: Dr. Fayha Ahmed
11:45 – 12:15	Enhancing Patient Empowerment through Digital Tools Dr. Mohaymen Abdelghany, UAE
12:15 – 12:45	Applications of Artificial Intelligence in Alzheimer's disease: Insights for Early Diagnosis and Personalized Treatment – Dr. Anirban Ganguly, India
12:45 – 13:15	Industry Symposium
13:15 – 14:00	Prayer & Networking Lunch
	Session 3: Cardiovascular Diseases Management Moderator: Dr. Laila Abdel Wareth
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, Belgium
15:00 – 15:30	Achieving Interoperability in Digital Health Systems–Dr. Bernard Gouget, France
15:30 – 15:45	Coffee Break
	Session 4: Data Exchange and Interoperability in Digital Health Moderator: Dr. James Nichols
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 – Tariq Al Shimmari, Kuwait
16:45 – 17:15	Powering Tomorrow's Healthcare: The Enablers That Matter – All speakers
17:15 – 17:45	Summary of Key Takeaways – All speakers
17:45	Networking Reception End of Conference

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For further inquiries or any clarifications please contact:

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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

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.



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