

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 – 09:20 Clinical Needs and Challenges of Pregnancy Reference Intervals
Prof. Anwar Borai, KSA

09:20 – 09:40 Serum Biomarker Testing for Suspected Hypertensive Disorders of Pregnancy
Dr. Fayha Salah Ahmed, UAE

09:40 – 10:00 From PKU to Genome Sequencing: The Journey of Newborn Screening
Dr. Azza Attia, UAE

10:00 – 10:15 Panel Discussion

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 – 11:20 Infections in transplant patients and the role of the microbiology laboratory
Dr. Adnan AlAtoom, UAE

11:20 – 11:40 The Laboratory Role in Pre-Transplant Screening
Dr. Gehad Elghazali, UAE

11:40 – 12:00 Post-Transplant Monitoring of Immunosuppressive Drugs
Dr. Sandra El Hajj, UAE

12:00 – 12:20 HAYAT UAE Organ Donation - Lab Metrics Guiding the Organ Allocation and Transplant
Dr. Maria Gomez, UAE

12:20 – 12:35 Panel Discussion

12:35 – 13:50 Prayer & Lunch Break | Poster Viewing

Session 3: The Role of Biomarkers in Gastrointestinal Disorders

Moderator:

13:50 – 14:10 Biomarkers in Inflammatory Bowel Disease: A Practical Guide
Dr. Myrna Germanos, Lebanon

14:10 – 14:30 Fecal Calprotectin in Gastrointestinal Disease
Dr. Mohamedi Ahmed, UAE

14:30 – 14:50 Biomarkers for Diagnosis of Celiac Disease
Dr. Rania Bedair, UAE

14:50 – 15:05 Panel Discussion

15:05 – 15:15 Coffee Break

Session 4: Equation or Direct Assays: The Ongoing Challenge in Laboratory Medicine

Moderator:

15:15 – 15:35 Retiring Friedewald: Modern LDL-C Equations Outperform Both the Friedewald Equation and Direct Assays
Dr. Mohammad Imteyaz Ahmad, UAE

15:35 – 15:55 Choosing the Right Free Testosterone Assay
Dr. Shiefa Sequeria, UAE

15:55 – 16:15 Beyond Race: The New GFR Equations and Their Impact on Patient Care
Dr. Sherif Mofeed, UAE

16:15 – 16:25 Panel Discussion

Session 5: The Evolution of Innovation in Clinical Laboratories

Moderator:

16:25 – 16:45 The Exposome Revolution, Redefining Health Beyond the Genome
Prof. Bernard Gouget, France

16:45 – 17:05 Transforming Healthcare through Environmental Intelligence
Prof. James H. Nichols, USA

17:05 – 17:25 Next-generation sequencing (NGS) as a Ground-Breaking Innovation in Clinical Laboratories
Dr. Hernad Yasaei, UAE

17:25 – 17:35 Panel Discussion

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: Cardiovascular Risk Assessment and Early Detection

Moderator:

09:30 – 09:55 Cardiovascular Diseases: A Rising Global Burden and for the UAE
Dr. Hani Sabbour, UAE

09:55 – 10:20 Lipoprotein(a) and Cardiovascular Risk Prevention, from Screening Strategies to Clinical Implementation
Dr. Shereen Amer, USA

10:20 – 10:45 Diabetes and Early Detection of Heart Failure, with a Focus on Biomarkers and Integrated Care Pathways
Prof. Damien Gruson, Belgium

10:45 – 11:00 Panel Discussion

11:00 – 11:15 Coffee Break

Session 2: Precision Cardiovascular Diagnostics: From Biology to Biomarkers

Moderator:

11:15 – 11:40 Women's Cardiovascular Biology, highlighting Biological Differences and their Impact on Cardiovascular Diagnosis and Risk Assessment
Dr. Dima Quraini, UAE

11:40 – 12:05 The Role of Emerging and established Biomarkers in Cardiovascular Prevention and Early Disease Detection
Dr. Ola Elgaddar, KSA

12:05 – 12:30 Troponin Testing: Current State of the art, Opportunities, and Clinical Challenges
Dr. Deepa Vijay Kumar Mittal Rao, UAE

12:30 – 12:45 Panel Discussion

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

Session 3: Advancing Cardiovascular Prevention: Emerging Technologies and Integrated Care

Moderator:

13:45 – 14:10 Metabolomics and Lipidomics for Advanced Cardiovascular Risk Stratification
Dr. Elie Fux, Germany

14:10 – 14:35 Cardiovascular kidney metabolic syndrome: Targeting under recognised risk
Dr. Wasan Al Taie, UAE

14:35 – 15:00 Continuous education and collaborative practices between laboratory professionals and healthcare providers
Dr. Pradeep Dabla, India

15:00 – 15:20 Technologies and accessibility: new frontiers for cardiovascular prevention, including innovative diagnostics, POCT, and system-level approaches
Prof. Sanja Stankovic, Serbia

15:20 – 15:35 Panel Discussion

15:35 Networking Reception | End of Conference