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 Begum, 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. Hemad 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 Raising 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 - 13:05	Symposium 1: From Diagnosis to Prevention: Leveraging High-Sensitivity Troponin I in Apparently Healthy Populations Dr. Yuthika Naidoo, South Africa
13:05 - 13:25	Symposium 2
13:25 - 13:45	Symposium 3
13:45 - 14:45	Prayer and Lunch Break
	Session 3: Advancing Cardiovascular Prevention: Emerging Technologies and Integrated Care Moderator:
14:45 - 15:10	Metabolomics and Lipidomics for Advanced Cardiovascular Risk Stratification Dr. Elie Fux, Germany
15:10 - 15:35	Cardiovascular kidney metabolic syndrome: Targeting under recognised risk Dr. Wasan Al Taie, UAE
15:35 - 16:00	Continuous education and collaborative practices between laboratory professionals and healthcare providers Dr. Pradeep Dabla, India
16:00 - 16:25	Technologies and accessibility: new frontiers for cardiovascular prevention, including innovative diagnostics, POCT, and system-level approaches Prof. Sanja Stankovic, Serbia
16:25 - 16:40	Panel Discussion
16:40	Networking Reception | End of Conference