Program:

Time	Conference – Hall	Speaker	
	Thursday, August 21, 2025		
16:00 – 17:00	**Registration**		
17:00 – 18:00	**Opening Ceremony** • Holy Quran • Palestinian National Anthem • H.E. Minister of Health, *Dr. Maged Abu Ramadan* • International Federation of Clinical Chemistry & Laboratory Medicine, *President* • Arab Federation of Clinical Biology, *President* • Scientific Committee Chair, *Prof. Rania Abu Seir* ▪ Conference President, *Dr. Osama Najjar*		
18:00 – 18:30	Plenary Lecture 1: Protecting Our Future: The Challenges and Solutions for a Healthier Tomorrow	Dr. Osama Najjar	
18:30 – 19:00	Plenary Lecture 2: Genetics in Ophthalmology, Diagnosis, Prevention & Management	H.E. Dr. Maged Abu Ramadan	
19:00 – 19:30	Plenary Lecture 3: Urinary Proteomics in Biomarker Discovery of Kidney-Related Disorders: Diabetic Nephropathy and Drug-Induced Nephrotoxicity	Prof. Tomris Ozben Turkey	
19:30 – 20:00	**Opening of the Medical Exhibition**		

	Friday, August 22, 2025	
Session 1: **09:00 – 11:30**	**Chairs:**	**Dr. Suheir Ereqat** **Dr. Musa Hindiyeh** **Dr. Majdi Dwikat**
09:00 – 9:30	Plenary Lecture 4: Wise Role of Artificial Intelligence in Clinical Chemistry Laboratory Utilization	Dr. Anwar Borai Saudi Arabia
09:30 – 10:00	Plenary Lecture 5: Understanding Risk Factors for B-Cell Non-Hodgkin Lymphoma Among Palestinians: Results from a Nation-Wide Case-Control Study	Prof. Rania Abu Seir
10:00 – 10:15	Keynote Presentation 1 Methods to Measure Tumor Markers. Clinical Uses of Tumor Markers for Malignant	Prof. Tomris Ozben Turkey
10:15 – 10:30	Presentation 1: Prevalence and Genetic Diversity of Neospora Caninum in Palestinian Livestock: Insights from Nc-5 Gene Detection and MS10 Microsatellite Analysis	Dr. Suheir Ereqat
10:30 – 10:45	Presentation 2: The Relationship Between Plants and Coagulation Cascade	Ms. Lubna Abdallah
10:45 – 11:00	Presentation 3: Molecular Diagnosis of Taenia Saginata from Two Patients in Palestine: Two Case Reports	Dr. Omar Hamarsheh

11:00 – 11:15	Presentation 4: Separation of Telomere Protection from Length Regulation in Two Mouse Models by Two Different Point Mutations at Amino Acid 492 of RTEL1	Dr. Riham Smoom
11:15 – 11:30	Presentation 5 Application of Sigma Metric and Quality Goal Index for Assessing the Clinical Performance and Quality Control Planning in Clinical Labs. A Retrospective Study	Mr. Nidal Alawneh
11:30 – 11:45	**Break**	
Session 2: **11:45 – 12:30**	**Chairs:**	**Prof. Amer Al-Jawabreh** **Dr. Mohammad Qadi**
11:45 – 12:00	Presentation 6 Performance Evaluation of Hematology Analytes and HbA1c Using Six Sigma and Quality Goal Index	Ms. Huda Atiya
12:00 – 12:15	Presentation 7 Evaluation and Comparison of Stability and Accuracy of Erythrocyte Sedimentation Rate (ESR) Results by BC-700 Automated Hematology Analyzer Compared to the Traditional Westergren Method.	Dr. Ayman Najjar
12:15 – 12:30	Presentation 8 Healthcare-Associated Respiratory Viral Infections Among Hospitalized Children at Caritas Baby Hospital: The Impact of the Infection Control Program	Ms. Nur Jaber
12:30 –14:00	**Friday Prayer & Lunch Break**	

Session 3: 14:00 – 16:00	Chairs:	Prof. Rania Abu Seir Dr. Kamal Dumaidi
14:00 – 14:30	Plenary Lecture 6: ANA HEp-2 cytoplasmic Patterns – Recognition on the Microscope and Clinical Importance	Dr. Carlos A. von Mühlen
14:30 – 15:00	Plenary Lecture 7: Adaptive Learning in Continuing Medical Education: The Laboratory Medicine Experience	Dr. Nader Rifai
15:00 – 15:15	Presentation 9 CISD3/MiNT is Required for Complex I Function, Mitochondrial Integrity, and Skeletal Muscle Maintenance	Dr. Ola Karmi
15:15 – 15:30	Presentation 10 Accuracy Verification and Performance Evaluation of 5-Parts Hematology Analyzer against 3-Parts Differential Hematology Analyzer	Mr. Ziyad Al- Khdour
15:30 – 15:45	Presentation 11 HLA-DQ2/8 Genotypes, Biochemical Markers, Socioeconomic Factors and Diet Adherence in Palestinian Children with Celiac Disease: A Multidimensional Study	Ms. Tala Najjar
15:45 – 16:00	Keynote Presentation 2 Traceability in Laboratory Medicine: IVD Directives and IVD Regulations	Prof. Tomris Ozben Turkey
16:00 – 17:00	**Break &Poster Session**	

Session 4: **17:00 – 18:30**	**Chairs:**	**Dr. Rasmi Abu Helo** **Dr. Mamoun Aubeidia**
17:00 – 17:15	Presentation 12 QUDS_ARS-III: A Novel Diagnostic Kit for Calcium Level Quantification in Human Serum	Ms. Bisan Katbeh
17:15 – 17:30	Presentation 13 Tackling Antimicrobial Resistance in the West Bank: Prevalence, Impact, and the Role of Antibiotic Stewardship.	Dr. Rana Khanafsa
17:30 – 17:45	Presentation 14 Evaluating The Effect of ISO 15189 Accreditation Using Six Sigma Metrics on Analytical Performance in Selected Clinical Chemistry Assays: A Comparative Pilot Study	Ms. Doha Shtiwi
17:45 – 18:00	Keynote Presentation 3 ANCA-Associated Vasculitis – Diagnostic Guidelines and Critical Analysis of The Laboratory Assays.	Dr. Carlos A. von Mühlen
18:00 – 18:15	Presentation 15 Bioinformatics-Based Analysis of Non-Coding RNAs in Lung Adenocarcinoma	Ms. Liyana Qaimari
18:15 – 18:30	Presentation 16 Hematological and Molecular Characteristics of Hodgkin Lymphoma Patients in Palestine	Dr. Mohammad Asees
18:30-18:45	**Break**	

Session 5: **18:45 – 19:45**	**Chairs:**	**Dr. Mahmoud Srour** **Dr. Ibrahim Salhi**
18:45 – 19:00	Presentation 17 Molecular and Phylogenetic Analysis of Enterobius- Vermicularis from Appendectomy Specimens in the West Bank, Palestine.	Mr. Issam Jawabreh
19:00 – 19:15	Presentation 18 Molecular and Epidemiological Characterization of Rotavirus Genotypes Circulating in Vaccinated Palestinian Children	Ms. Majd Allahham
19:15 – 19:30	Presentation 19 Raman Spectroscopy in Tandem with Machine Learning-Based Decision Logic Methods for Characterization and Detection of Primary Precancerous and Cancerous Cells	Ms. Uraib Sharaha
19:30 – 19:45	Presentation 20 NGS-Based Screening and Genotyping of Oral HPV in Healthy Palestinian Dental Patients	Ms. Bisan Safi
20:00 – 21:30	Gala Dinner for Invited & Registry Guests Murad Castle - Convention Palace	

	Saturday, August 23, 2025	
Session 6: **09:00 – 11:00**	**Chairs:**	**Prof. Rania Abu Seir** **Dr. Ayman Najjar** **Dr. Khaled Younis**
09:00 – 09:30	Plenary Lecture 8: Shallow Whole-Genome Nanopore Sequencing for Cancer Liquid Biopsy	Dr. Alaa Edeh
09:30 – 10:00	Plenary Lecture 9: Utilization of Whole Exome Sequencing to Identify Causative Mutations in Palestinian Families with Hereditary Cancers	Dr. Nouar Qutob
10:00 – 10:15	Presentation 21 Molecular Epidemiology: Prevalence of Human Cutaneous Leishmaniasis in Palestine in the Period between 2016 and 2024 Using Next Generation Sequencing	Ms. Hanan Al-Jawabreh
10:15 – 10:30	Presentation 22 Human Papilloma Virus Prevalence, Characterization and Association with Cervical Cancer among Palestinian Women	Dr. Ibrahim Salhi
10:30 – 10:45	Presentation 23 Phenotypic and Molecular Characterization of Multi-Drug Resistant Enterobacterales Isolated from Clinical Samples, Palestine.	Dr. Mamoun Ibaideya

10:45 – 11:00	Presentation 24 Emergence of Klebsiella Pneumoniae Co-Producing NDM-1 With OX48 Genes Isolated from Three Palestinian Hospitals	Mr. Ibrahim Alsahouri
11:00 – 11:15	**Break**	
Session 7 **11:15 – 12:45**	**Chairs:**	**Dr. Ala' Darwish** **Dr. Nouar Qutob**
11:15 – 11:30	Presentation 25 Molecular Genetics of Primary Congenital Glaucoma; Investigation of the Mutant Variants in CYP1B1 and MYOC Genes Among Patients in Palestine	Ms. Mariam Alqam
11:30 – 11:45	Presentation 26 Circadian-Regulated Corticosterone and Melatonin Inversely Control Endotoxin-Induced Immune Responses	Dr. Montaser Haddad
11:45 – 12:00	Presentation 27 Management of Internal Control in Clinical Biochemistry at A Medical Analysis Laboratory of Msaken-Tunisia	Dr. Hela Boussalem
12:00 – 12:15	Presentation 28 Antimicrobial Activity of Spider Plant (Chlorophytum comosum) Extracts	Ms. Yasmina Ghanim

12:15 – 12:30	Presentation 29 Vita Guard: An AI-Driven Framework for Early Disease Detection and Risk Prediction in Clinical Laboratories	Ms. Shams Owdetallah		
12:30 – 12:45	Presentation 30 Future of Genetic Diseases in Palestine	Dr. Mohammad Hamdan		
12:45 – 13:00	Presentation 31 The Effect of Armed Conflict on Drinking Water Quality in Gaza: Laboratory-Based Study of Microbial and Chemical Contaminates	Mr. Saleh El-Taweel		
13:00 – 14:00	**Break &Poster Session**			
Session 8: **14:00 – 16:15**	**Chairs**	**Dr. Sa'd Lahham** **Dr. Mohammad Qabaja**		
14:00 – 14:30	Keynote Presentation 4 Electronic Crossmatch Changing the Transfusion Landscape	Dr. Camilla Hesse		
14:30 – 15:00	Keynote Presentation 5 International Consensus of ANA Patterns: How to Interpret Findings in the Lab and for the Clinician	Dr. Carlos A. Von Mühlen		
15:00 – 15:15	Presentation 32 Functional Assessment of a Novel SMAD4 Mutation (p. Cys115Arg) in a Palestinian Colorectal Cancer Patient	Ms. Rawan Obeid		
15:15 – 15:30	Presentation 33	Mr. Wisam Al-Shalash		

	Evaluating Peripheral Blood Smear Testing in Palestine: A Step Towards Quality Assurance and Diagnostic Excellence	
15:30 – 15:45	Presentation 34 PMED Club	
15:15 – 15:30	**Break**	
Session 9: **15:30 – 16:30**	**Chairs:**	**Dr. Hatem Eideh** **Dr. Haneen Nur**
15:30 – 15:45	Presentation 35 TP53 Missense Allele Predisposing to High Risk of Breast Cancer but Not Pediatric Cancers	Ms. Suhair Lolas-Hamameh
15:45 – 16:00	Presentation 36 Malignant Infantile Osteopetrosis in Palestine: Genetic Etiology Involving SNX10 and TCIRG1 Genes	Ms. Grace Rabie
16:00 – 16:15	Presentation 37 Identification of Antinuclear Antibodies' Epitopes to be Used in Serodiagnostic Purposes Using M13 Phage Display Libraries	Ms. Renal Abu Dhair
16:15 – 16:30	Presentation 38 The Effectiveness of Multimodal Interventions on Reducing Blood Culture Contamination Rates in Governmental Hospitals: A Pre- and Post-Study.	Ms. Mariam Zaid
16:30 – 17:00	**Break**	
17:00 – 18:00	Closing Ceremony & Awards	