



The 13th International Palestinian Conference for Laboratory Medicine
Convention Palace, August 21-23, 2025.

Program:

Time	Conference – Hall	Speaker	
	Thursday, August 21, 2025		
16:00 – 17:00	Registration		
17:00 – 18:00	Opening Ceremony <ul style="list-style-type: none"> • Holy Quran • Palestinian National Anthem • H.E. Minister of Health, <i>Dr. Maged AbuRamadan</i> • International Federation of Clinical Chemistry & Laboratory Medicine, <i>President</i> • Arab Federation of Clinical Biology, <i>President</i> • Scientific Committee Chair, <i>Prof. Rania Abu Seir</i> ▪ Conference President, <i>Dr. Osama Najjar</i> 		
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 AbuRamadan	
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		



The 13th International Palestinian Conference for Laboratory Medicine
Convention Palace, August 21-23, 2025.

	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: TP53 Missense Allele Predisposing to High Risk of Breast Cancer but Not Pediatric Cancers	Dr. Suhair Lolas- Hamameh		



The 13th International Palestinian Conference for Laboratory Medicine
Convention Palace, August 21-23, 2025.

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	



The 13th International Palestinian Conference for Laboratory Medicine
Convention Palace, August 21-23, 2025.

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- Khmour		
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			



The 13th International Palestinian Conference for Laboratory Medicine
Convention Palace, August 21-23, 2025.

Session 4: 17:00 – 18:30	Chairs:	Dr. Rasmi Abu Helo Dr. Mamoun Aubeidia
17:00 – 17:15	Presentation 12 QUDES_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	



The 13th International Palestinian Conference for Laboratory Medicine
Convention Palace, August 21-23, 2025.

Session 5: 18:45 – 19:45	Chairs:	Dr. Mahmoud Srouf 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			



The 13th International Palestinian Conference for Laboratory Medicine
Convention Palace, August 21-23, 2025.

Saturday, August 23, 2025				
Session 6: 09:00 – 11:00	Chairs:	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		



The 13th International Palestinian Conference for Laboratory Medicine
Convention Palace, August 21-23, 2025.

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



The 13th International Palestinian Conference for Laboratory Medicine
Convention Palace, August 21-23, 2025.

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		



The 13th International Palestinian Conference for Laboratory Medicine
Convention Palace, August 21-23, 2025.

	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 Malignant Infantile Osteopetrosis in Palestine: Genetic Etiology Involving SNX10 and TCIRG1 Genes	Ms. Grace Rabie		
15:45 – 16:00	Presentation 36 Identification of Antinuclear Antibodies' Epitopes to be Used in Serodiagnostic Purposes Using M13 Phage Display Libraries	Ms. Renal Abu Dhair		
16:00 – 16:15	Presentation 37 The Effectiveness of Multimodal Interventions on Reducing Blood Culture Contamination Rates in Governmental Hospitals: A Pre- and Post-Study.	Ms. Mariam Zaid		
16:15 – 16:45	Break			
16:45 – 18:00	Closing Ceremony & Awards			