

# The 12<sup>th</sup> International Palestinian Conference of Laboratory Medicine

## IPCLM 12

### “Shaping the Future of Medicine by Laboratory Medicine”

#### Scientific Program

Thursday, August 24, 2023		
Time	Activity	
16:00 – 17:00	Registration	
17:00 – 18:00	Opening Ceremony	
	Holy Quran	
	Palestinian National Anthem	
	H.E President of Palestine, Dr. Mahmoud Abbas	
	International Federation of Clinical Chemistry & Laboratory Medicine (IFCC)	Prof. Khosrow Adeli
	Arab Federation of Clinical Biology (AFCB)	Dr. Christian Hadad
	Palestinian Ministry of Health	Minster of Health
	PMTA & Conference President	Dr. Osama Najjar
18:00 – 18:30	<b>Keynote Lecture 1:</b> Shaping the future of laboratory medicine.	Dr. Osama Najjar-PMTA Conference President
18:30 – 19:00	<b>Keynote lecture 2:</b> Central Role of lab Medicine & lab. professionals in public health & patient care	Prof. Khosrow Adeli
19:00 – 19:15	Opening of the Medical Exhibition	
19:15 – 19:30	Opening of the Poster Presentations	
19:30 – 20:10	<b>Keynote lecture 3:</b> Inspired by measurement: impact of the (r) evolution in metrology on laboratory medicine.	Prof. Christa Cobbaert

## Friday, August 25, 2023

Time	Activity	Speaker
08:00 - 09:00	<b>Registration</b>	
<b>Session 1 9:00 – 10:15</b>	<b>(Immunology and Endocrinology) Chairs: Dr. Manal Shaaban Dr. Tamer Hantash</b>	
09:00 – 9:20	Contribution of molecular allergens in the diagnosis of cow's milk protein allergy in Tunisia	Yasmina Ouerdani
09:20 – 9:30	Current laboratory practice for anti-nuclear antibody testing in Tunisia)	Imen Zamali
09:30 – 9:40	A lack of pd-1 expression in patients with vitiligo	Ahlem BEN HMID
9:40 – 10:00	Evaluation of platelet parameters, coagulation markers, antiphospholipid syndrome, and thyroid function in Palestinian women with recurrent pregnancy loss	Ayman A. Najjar
10:00 – 10:15	Panel Discussion	
10:15 - 10:30	<b>Break</b>	
<b>Session 2: 10:30 - 12:30</b>	<b>(Standardisation) Chairs: Dr. Nabiha Kamal Dr. Khaldoun Nijm</b>	
10:30 – 11:10	<b>Keynote lecture 4:</b> Closing the Evidence Gaps in Pediatric Reference Intervals: The CALIPER Initiative.	Prof. Khosrow Adeli
11:10 – 11:30	Genotyping of Human Erythrocyte Antigens for Safe Blood Transfusion in Thalassemia Patients	Dirgam Yaseen
11:30 – 11:50	Reference versus consensus values in proficiency testing of clinical chemistry: a comparison based on laboratories' results in Palestine	Ziad Al-Khdour
11:50 – 12:00	Common Mistakes Made by ISO 15189 Accredited Medical Laboratories During Verification of New	Samar Sadeddin

	Test/Equipment	
12:00 – 12:10	Relative reticulocyte count vs. reticulocyte production index: A two different faces	Johnny Amer
12:10 - 12:30	Panel Discussion	
<b>12:30 – 14:00</b>	<b>Friday Prayer &amp; Lunch Break</b>	
<b>Session 3: 14:00 - 15:45</b>	<b>(Precision Diagnostics) Chairs: Dr. Ali Arifi Dr. Manar Alagha</b>	
14:00 - 14:40	<b>Keynote lecture 5:</b> Introducing Precision Diagnostics in the 21st century: ready for Prime Time?	Prof. Christa Cobbaert
14:40 – 15:00	Free light chains as diagnostic biomarkers in Multiple Sclerosis	Yousr Galai
15:00 – 15:10	A Combined Drug Treatment That Reduces Mitochondrial Iron and Reactive Oxygen Levels Recovers Insulin Secretion in NAF-1-Deficient Pancreatic Cells	Ola Karmi
15:10 - 15:20	Design and Optimization of a CYP2C19*2 Genotyping Assay Based on the Super Selective Primer Method	Salah Alden jubeh
15:20 - 15:45	Panel Discussion	
<b>15:45 - 16:00</b>	<b>Break</b>	
<b>Session 4: 16:00 - 18:00</b>	<b>(Molecular Biology) Chairs: Dr. Abedrazaq Hedili Dr. Yaqoub Alashhab</b>	
16:00 - 16:10	GABARAP-containing Structures in Autophagy and their Characterization by Advanced Fluorescence Microscopy for Next Generation Pharmacologic Targeting	Assalla Abu Shamseye
16:10 - 16:20	Association of DNA methylation and genetic variations of the APOE gene with the risk of	Manal Ghattas

	diabetic dyslipidemia	
16:20 - 16:30	Identification of gene mutations associated with Type 1 Diabetes by Next Generation Sequencing in Inflicted Palestinian Families	Abrar Bawatneh
16:30 - 16:40	Panel Discussion	
16:40 - 16:50	Abundance levels and potential regulatory function of miR-23a/b-3p in male infertility: Insights from sperm and testicular biopsies	Basim Ayesb
16:50 - 17:00	Serum free light chains in systemic lupus erythematosus disease	Yousr Galai
17:00 - 17:10	“Telomouse”- a mouse model with human-length telomeres - generated by a single amino acid change in RTEL1 helicase	Alaa Qadah
17:10 - 17:20	Panel Discussion	
17:20 - 18:00	<b>Keynote lecture 6:</b> Quality in clinical laboratories: an unfinished issue {pre recorded}.	Prof. Mario Plebani
20:00 – 22:00	<b>GALA DINNER</b> حفلة العشاء مع فرقة موسيقية	
<b>Saturday, August 26, 2023</b>		
<b>8:00 – 09:00 Registration</b>		
<b>Session 5: 09:00 - 11:00</b>	<b>(Cancer Research) Chairs: Dr.Hussein Hijawi Dr. Sakhr Abu Zahra</b>	
09:00 - 09:10	<i>Adiantum capillus veneris l.</i> Aqueous extract effect on high cholesterol diet fed rats and determination its polyphenolics components by hplc-ms	Entisar Al-Hallaq
09:10 - 09:20	TET1 isoforms have distinct expression pattern,	Mahmoud Al-Zahayqa

	localization and regulation in breast cancer	
09:20 - 09:30	Pathophysiology and Molecular Characterization of Cutaneous and Mucosal Melanoma	Hanadi ALkhatib
09:30 - 09:40	Disrupting NAF-1 function in cancer cells primarily impacts mitochondrial labile iron levels and triggers TXNIP expression	Ola Karmi
09:40 - 09:50	Panel Discussion	
09:50 - 10:10	Colorectal cancer cells exhibit inhibited expressions of extracellular NTCP associated with reduced bile acids trafficking	Johnny Amer
10:10 - 10:30	Genomic analysis of inherited breast cancer among Palestinian women	Suhair Lolas-Hamameh
10:30 - 10:50	Andrographolide induces G2/M arrest, apoptosis and autophagy in MDA-MB-231 cells and mediates inactivation of Akt/mTOR signalling pathway	Iyad Al-Quqa
10:50 - 11:00	Panel Discussion	
11:00 - 11:10	Break	
<b>Session 6: 11:10 - 12:30</b>	<b>(Haematology) Chairs: Dr. Mohammed Twimi Dr. Ahmad Abdelrahim</b>	
11:10 - 11:50	<b>Keynote lecture 7:</b> Laboratory Diagnosis of Haemophilia and Allied Bleeding Disorders.	Prof. Steve Kitchen
11:50 - 12:10	Thrombocytopenia as a Prognostic Marker for Systemic Lupus Erythematosus: A Case Study	Haneen Nur
12:10 - 12:20	Alpha-defensins: risk factor for thrombosis in COVID-19 infection	Suhair Abdeen
12:20 - 12:30	Panel Discussion	
12:30 - 13:30	Lunch Break	
<b>Session 7: 13:30 - 14:50</b>	<b>(Antibiotics and Drug Resistance) Chairs: Dr. Rihab Al- Bijawi Dr. Lubna Alkharaz</b>	

13:30 - 13:40	Assessing the Prevalence of Antibiotic Residue in Waste Water Treatment Plants and Ground Water in North Palestine: Risk Assessment for Human Health and Resistance Development	Ala'a Jaddou
13:40 - 13:50	Bacteriological Profile and Antibiotic Susceptibility Pattern of septicemia in neonatal intensive care units in Palestine: A retrospective study	Bayan Ibrahim
13:50 - 14:00	Molecular epidemiology pattern of the highly invasive group B Streptococcus ( <i>Streptococcus agalactiae</i> ) isolated at Arabcare hospital laboratory, Ramallah, Palestine	Elena Awwad
14:00 - 14:10	Emergence of Multidrug Resistant <i>Candida auris</i> in a tertiary care referral center in West Bank.	Riham Smoom
14:10 - 14:30	Molecular Characterization of Carbapenem-Resistant Gram-Negative Isolates from Hospitalized Patients in Gaza, Palestine	Nahed Al Laham
14:30 - 14:45	Panel Discussion	
14:45 - 15:00	Break	
<b>Session 8: 15:00 - 17:30</b>	<b>(Public Health &amp; Microbiology) Chairs: Dr. Haneen Hamdan Dr. Ibrahim Alsahori</b>	
15:00 - 15:20	Effectiveness of insecticide thermal fogging in hyrax dens in the control of leishmaniasis vectors in rural Palestine: A prospective study	Samer Sawalha
15:20 - 15:40	Concurrent molecular characterization of sand flies and <i>Leishmania</i> parasites by amplicon-based next-generation sequencing	Mohammad Al-Taradeh
15:40 - 15:50	Genetic diversity and haplotype analysis of <i>Leishmania tropica</i> identified in sand fly vectors of the genera <i>Phlebotomus</i> and <i>Sergentomyia</i> , using next-generation-sequencing technology	Amer Al-Jawabreh
15:50 - 16:00	Panel Discussion	
16:00 - 16:10	Prevalence of mecA and Panton-Valentine	Nabil Elaila

	Leukocidin genes in <i>Staphylococcus aureus</i> clinical isolates from Gaza Strip hospitals	
16:10 - 16:20	Case Report: Tracking the origin of a rare severe imported case of <i>Plasmodium falciparum</i> in Palestine, a zero-indigenous case area	Anas Al-Jawabreh
16:20 - 16:30	Investigating $\beta$ -Thalassemia Major Cases Emerged after Obligatory Premarital Testing in Palestine	Mais Alshatleh
16:30 - 17:10	<b>Keynote lecture 8: Decolonizing Public Health {online}</b>	Prof. Marcel Tanner
17:10 - 17:30	Panel Discussion	
17:30 - 17:45	Break	
<b>Closing Ceremony &amp; Awards</b>		