

الجمعية السعودية
للطب المخبري
Saudi Society for
Laboratory Medicine



تجمع مكة المكرمة الصحي
Makkah Healthcare Cluster

1ST THE INTERNATIONAL CONFERENCE ON & LABORATORY MEDICINE

FOR MAKKAH HEALTH CLUSTER
المؤتمر الدولي الأول للتشخيص
والطب المخبري
لتجمع مكة المكرمة الصحي

INTERCONTINENTAL JEDDAH

21st - 23rd May 2024

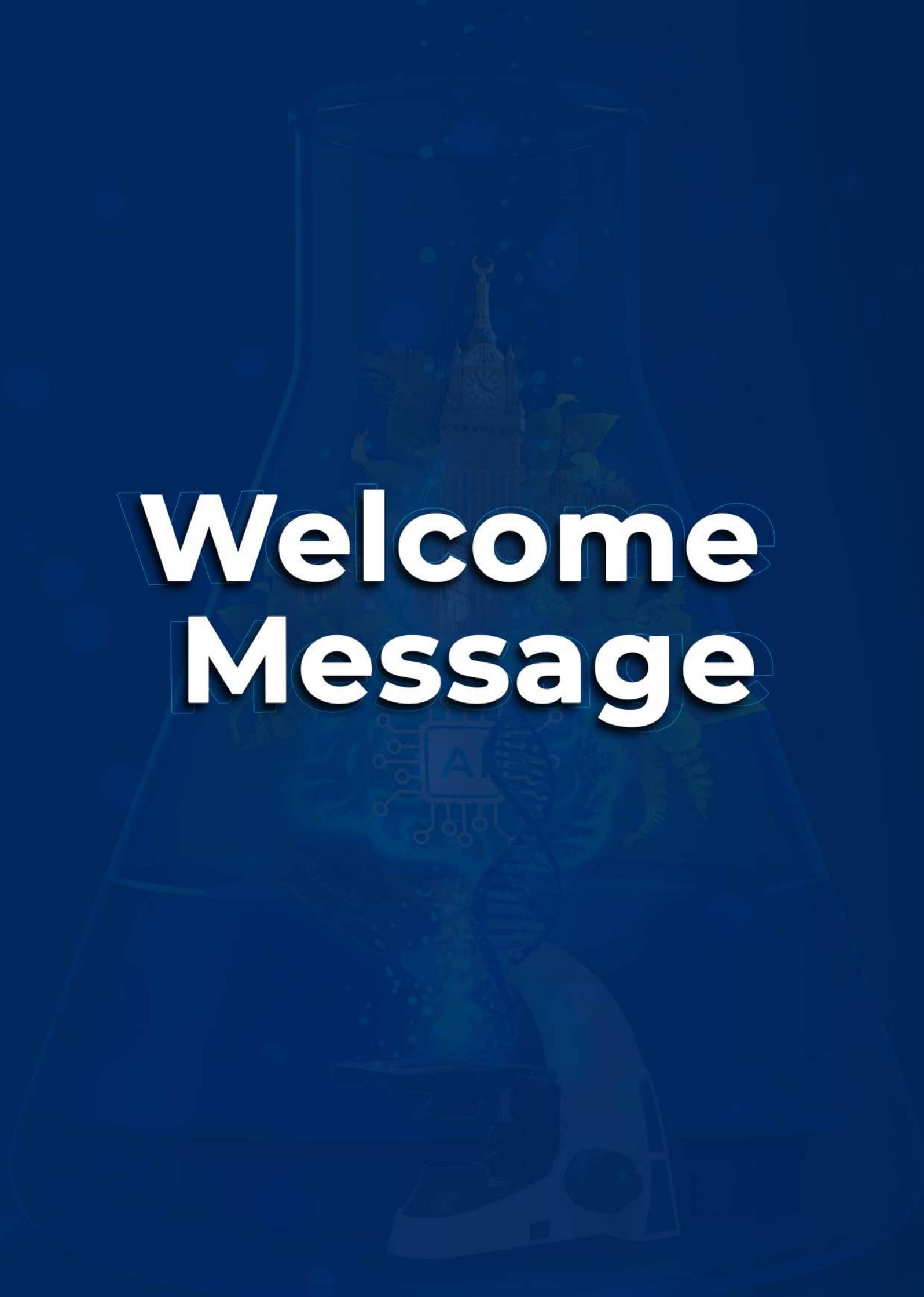


BOOKLET



FOR
REGISTRATION
SCAN HERE





Welcome Message



Dear esteemed brothers and sisters,
Assalam Alaykum

On behalf of myself and the members of the Executive Council of the Makkah Health Cluster, I extend the warmest welcome to all of you at the First International Conference on Laboratories in the Makkah Health Cluster. This conference represents a significant achievement in our journey towards enhancing healthcare and developing the laboratory sector in the Kingdom, in the face of contemporary health challenges.

Knowledge exchange and international cooperation are vital for improving diagnosis, enhancing quality, and efficiency. This conference will provide us with an opportunity to exchange experiences and showcase the latest technologies and innovations in the field of medical laboratories. The program includes various seminars and interactive workshops that will enable us to discuss the challenges and key opportunities facing the laboratory industry.

We are committed to developing our capabilities and promoting scientific research and innovation in this field. We will also work towards strengthening collaboration between the public, private, and academic sectors to achieve our common goals. I look forward to witnessing the positive outcomes that will emerge from this conference through the exchange of ideas and experiences.

DR. HATEM AHMED AL-OMARI

CEO of the Makkah Health Cluster



The launch of the health transformation program as one of the programs of the Kingdom's Vision 2030, is considered an essential pillar for improving health services for all members of society, including citizens, residents and visitors, as this integrated program contributes to enhancing the human dimension in parallel with raising the efficiency, effectiveness and quality of health services provided.

The conference aims to achieve a system of general policies for the health transformation program to ensure efficient spending and achieve environmental sustainability.

Holding this conference contributes to establishing alignment with the direct strategic goals of health transformation, which are facilitating access to services, improving the quality and efficiency of services, and enhancing prevention against health risks.

DR. MUHAMMAD SAEED AL-DOSARI

Executive Director of Laboratories and Blood Banks
Makkah Health Cluster



Medical laboratories play a crucial role in the healthcare system, contributing significantly to the rapid and effective screening and diagnosis of various diseases, and aiding in determining appropriate treatment strategies. The Kingdom's health transformation program encompasses a broad spectrum of reforms aimed at enhancing the quality, effectiveness, and efficiency of healthcare services, with a particular focus on improving medical services and laboratory operations.

In this context, the Saudi Society for Laboratory Medicine, in collaboration with the Makkah Health Cluster and celebration of World Laboratory Day, is dedicated to transforming these collaborative efforts into the inaugural International Conference on Diagnostics and Laboratory Medicine. Spanning three days, the conference will feature multiple pre-conference workshops and contemporary sessions.

These sessions will cover a wide range of topics, from fundamental clinical pathology disciplines to cutting-edge technology, leadership, artificial intelligence, education, population health management, and insurance.

We are confident that this conference will significantly influence your practice and align it with the ambitious goals of Saudi Vision 2030.

PROF. ZUHIER AHMED AWAN

Chairman of the Diagnosis and Laboratory Medicine Conference
President of the Saudi Society for Laboratory Medicine
King Abdulaziz University



Our Faculties

SCIENTIFIC COMMITTEE

THE 1ST INTERNATIONAL CONFERENCE ON
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FOR MAKKAH HEALTH CLUSTER
المؤتمر الدولي الأول للتشخيص و الطب المخبري لتجمع مكة المكرمة الصحي



Dr. Ahmed Bakhshwin

Assistant Professor, Department of Pathology, Faculty of Medicine, King Abdulaziz University, Jeddah, Saudi Arabia,



Dr. Amani Gusti

PhD, MSc in Clinical Biochemistry, consultant in Clinical Chemistry and Strategic Planning of Medical Pathology Laboratory,



Prof. Dalal Nemenqani

FRCPATH, FPATHKSJ, IFCAP, FIAC, Professor and Consultant of Pathology and Cytopathology. Head Scientific Committee and Board Member, SSLM. College of Medicine, Taif University



Dr. Najim Alshahrani

Assistant Professor of Preventive Medicine and Public Health at the University of Jeddah, Saudi Arabia,



Dr. Ahmed Barefah

President of the Saudi Society of hematology, Associate professor of hematology, hematology department, King Abdulaziz University, Jeddah, Saudi Arabia,



Prof. Hani Alhadrami

Professor & Consultant of Molecular Diagnostics & Medical Biotechnology, Molecular Diagnostics Forensic Lab, King Fahd Medical Research Center, King Abdulaziz University.



Dr. Motasim Jawi

Head of the Department of Physiology at the University of Jeddah, Physician and Researcher with Expertise in Cardiovascular Disease Prevention and Lipid Management,



Dr. Nawal Helmi

Associate Professor of Immunology and Infectious Diseases at the University of Jeddah,



Prof. Ghada Ajabnoor

Associate Professor in clinical biochemistry and molecular biology, Head of Clinical Biochemistry department and KAUH, King Abdulaziz University.

ORGANIZING COMMITTEE



Dr. Munirah Bulushi

Coordinator of training and education in laboratories and blood banks in the health cluster in Makkah.



Dr. Ahmad Alshareef

Deputy Coordinator of training and education in laboratories and blood banks in the health cluster in Makkah.



Dr. Hadiyah AlMahdi



Dr. Shmoukh Alghuraibi

MODERATORS

THE 1ST INTERNATIONAL CONFERENCE ON
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Dr. Ahmed Barefah
President of the Saudi Society of hematology,
Associate professor of hematology, hematology
department, King Abdulaziz University, Jeddah,
Saudi Arabia.



Prof. Anwar Borai
Professor of Clinical Biochemistry (JA) King
Saud bin Abdulaziz University for Health
Sciences



Dr. Hussam Daghistani
Assistant Professor in Clinical Biochemistry, Faculty of
Medicine, King Abdulaziz University.



Prof. Imed Gallouzi
Professor Bioscience, BESE, King Abdullah University
of Science and Technology (KAUST),
Professor (Emeritus), Biochemistry, Department,
Goodman Cancer Center, McGill University, Canada



Dr. Motasim Jawi
Lecturer at Physiology Department, Faculty of
Medicine, University of Jeddah,
Physician and Researcher with Expertise in
Cardiovascular Disease Prevention and Lipid
Management.



Dr. Nawal Helmi
Associate Professor of Immunology and
Infectious Diseases at the University of
Jeddah



Prof. Hani Abdullah Alhadrami
Professor & Consultant of Molecular Diagnostics & Medical
Biotechnology, Molecular Diagnostic Laboratory
King Abdulaziz University Hospital
DNA Forensic Lab King Fahad Medical Research Centre



Dr. Nashat Nafouri
Chair, Healthcare Interest Group,
Executive Officer, Saudi Quality Council
Executive Consultant, Quality Logic,
Consultant, Public Health Authority



Prof. Zuhier Awan
Chairman of the Diagnosis and Laboratory
Medicine Conference, / President of Saudi Society of
Laboratory Medicine, Dean of the Faculty of Medicine,
University of Jeddah, KSA,



Prof. Ghada Ajabnoor
Associate Professor in Clinical Biochemistry and
Molecular Biology / Head of Clinical Biochemistry
Department and KAUH, King Abdulaziz University.



Prof. Fadwa J. Altaf
Professor of Pathology, Faculty of Medicine,
King Abdulaziz University, / Consultant Pathologist &
Cytopathology, King Abdulaziz University hospital.



Dr. Najim Alshahrani
Assistant Professor of Preventive Medicine and
Public Health at the University of Jeddah,
Saudi Arabia



Dr. Ahmed Bakhshwain
Assistant Professor, Department of Pathology,
Faculty of Medicine, King Abdulaziz University,
Jeddah, Saudi Arabia,



Dr. Mohammad Aldosari
Executive Director of Laboratories and Blood Banks
at Makkah Healthcare cluster, / Head of Laboratory
and Blood Bank at King Abdulaziz Hospital, Makkah



Prof. Ahmad Ashshi
PhD, AIBMS,
Professor of Medical and Molecular Virology,
Director of My Clinic Laboratories, Jeddah, KSA.



Dr. Rana Bokhari
Vice President of the Saudi Society for
Laboratory Medicine
King Abdulaziz University



Dr. Ola Elgaddar
Assistant Professor of Clinical Chemistry in Alexandria
University, Egypt / Chief Quality and Rish Officer
of Al Borg Diagnostics / Board member of the
Emirates Clinical Chemistry Society



Prof. Walaa Rabie
Professor of Clinical and Chemical Pathology,
Kasr Alainy Faculty of Medicine, Cairo University.
Subspecialty, Clinical Chemistry and Molecular
Diagnostics.



Prof. Najwa Altaweel
Clinical Chemistry and Hormones Consultant,
Chairperson of POCT committee – KAMC,
Program Director of Saudi Board of Clinical Chemistry
program, KAMC and Makkah Cluster, KSA.



Prof. Khalid Alharbi
Professor and Consultant of Medical Molecular
Genetics, KSU.
Chairman of Saudi Society of Clinical Laboratory
Sciences.

MODERATORS



Dr. Ali Fahad Alothaim

Head, Division of Toxicology/Biochemical Metabolic Lab, Department of Pathology, King Abdulaziz Medical City, Riyadh, Saudi Arabia. Consultant-Medical Microbiology.



Prof. Jaudah ALmaghrabi

Professor of Pathology, Department of Pathology, Faculty of Medicine, KAU, Jeddah, KSA,



Dr. Doaa Alqaidy, MD

Assistant Professor, Consultant Oncologic Surgical Pathologist and Hematopathologist, Department of Pathology, King Abdulaziz University, Jeddah, Saudi Arabia.



Prof. Jamil Al-Mughales

Associate Professor of Medical Immunology, Department of Clinical Microbiology and Immunology, Consultant Diagnostic Immunologist/Head of the Diagnostic Immunology Services,



Dr. Muhammed Essa Mereani

Former Director of Poison Control Center in Makkah, KSA, Executive Director of the Expert Association for Medical Laboratories, Vice President of the Board of the Saudi Toxicology Society STS.

KEYNOTE SPEAKERS



Prof. Pierre Magistretti, MD

Vice President for Research, KAUST, Director of KAUST Smart Health Initiative, Professor Emeritus at the Brain Mind Institute at EPFL and at the Department of Psychiatry at UNIL/CHUV and UNICE.



Prof. Khosrow Adeli

Head of Clinical Biochemistry in the Department of Paediatric Laboratory Medicine, Full Professor and Vice Chair of Quality in the Department of Laboratory Medicine and Pathobiology at the University of Toronto, Canada.



Prof. Manfredi Rizzo

MD, PhD Professor of Internal Medicine at the School of Medicine, University of Palermo, Italy, Head of the Unit of Diabetes and Cardiovascular Prevention at the University Hospital (Policlinic) of Palermo,



Prof. Hani Sabbour

Consultant Cardiac Electrophysiology, Consultant Advanced Heart Failure & Pulmonary Hypertension, Founding Director Pulmonary Hypertension Comprehensive Program, Founding Director Cardiometabolic Center, - Cleveland Clinic Abu Dhabi, UAE;



Dr. Senay Kafkas

Research Scientist at the Computational Bioscience Research Center of King Abdullah University of Science and Technology in Saudi Arabia.



Dr. Sonam Parkash

Clinical Professor of Pathology in the Department of Laboratory Medicine at UCSF. / Board-Certified in Hematopathology, Anatomic Pathology and Clinical Pathology.



Prof. Mohammed Zourab

Professor of Biosensors at Alfaisal University, KSA



Prof. Imed Gallouzi

Professor Bioscience, BESE, King Abdullah University of Science and Technology (KAUST), Professor (Emeritus), Biochemistry, Department, Goodman Cancer Center, McGill University, Canada

SPEAKERS



Dr. Hatem Ahmed Al-Omari

CEO of the Makkah Health Cluster



Prof. Ayman Johargy

Professor of Medical Microbiology, College of Medicine, Umm Al-Qura University Makkah,



Dr. Mansour Alzahrani

Consultant Forensic Toxicologist, Regional Lab , Makkah, Ph.D.:Forensic Chemistry and Toxicology , University of Strathclyde -United Kingdom ,Glasgow.



Dr. Faisal Almomhammedi

Assistant Professor, Division of Dermatology, University of Toronto, Canada, American and Canadian Boards in Pathology, Dermatology and Dermatopathology Membership,

SPEAKERS

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Dr. Firdos Saba

M.B.B.S, M.D, DNB
Diplomateship of The Royal College of Pathologists (Histopathology), U.K



Dr. Hani Shukri

Ph.D (Clinical Microbiology)
General Supervisor and Consultant Microbiologist / Technologist



Prof. Ahmad Ashshi

PhD, AIBMS,
Professor of Medical and Molecular Virology,
Director of My Clinic Laboratories,
Jeddah, KSA.



Dr. Mohamed Hanafy Morsy

Consultant Clinical Pathologist KAAH,
MAKKAH AL MUKARRAMAH, KSA
Associate Professor of Clinical Pathology,
AlAzhar School of Medicine, Egypt.



Mr. Mohammad Mordi

Clinical and Medical Laboratory
Biomedical Sciences
Environmental Protection and Safety Officer- JRL,



Prof. Mohammed Hassanien

M.B.B.Ch, JMHPE, PhD,
Senior Fellow Advance HE-UK,
Advisor Vice President for Educational Affairs,
King Abdulaziz University,



Prof. Najwa Altaweel

Clinical Chemistry and Hormones Consultant,
Chairperson of POCT committee – KAMC,
Program Director of Saudi Board of Clinical Chemistry
program, KAMC and Makkah Cluster, KSA.



Dr. Najim Alshahrani

Assistant Professor of Preventive Medicine and Public
Health at the University of Jeddah, Saudi Arabia,
Research Mentor Accredited by the Saudi
Commission for Health Specialties (SCFHS),



Dr. Nashat Nafouri

Chair, Healthcare Interest Group,
Executive Officer, Saudi Quality Council
Executive Consultant, Quality Logic,
Consultant, Public Health Authority



MS. Nesreen Abo Al Jadayel

Pre-Marriage Testing Program -Medical Technologist,
In Charge of the Marriage Examination Program and
Employee Training. Socially and Media Activist.



Dr. Salah Menshawi

Consultant of Forensic Toxicology
(Head of Toxicology Department-Jeddah)
EX Director for Prisons Medical Centers in Jeddah.



Mr. Jaffar Khiariy

Head Department of Pathology & Laboratory
Medicine King Faisal Specialist Hospital &
Research Center Jeddah, KSA,



Dr. Saif Alharthy

Assistant Professor at King Abdulaziz University,
Principal Investigator in the Toxicology and
Forensic Sciences Unit at King Fahd Medical
Research Center,



Prof. Fadwa Altaf

Professor of Pathology, Faculty of Medicine,
King Abdulaziz University,
Consultant Pathologist & Cytopathology.
King Abdulaziz University hospital.



Dr. Ahmad Yahya

The Chairman of the Saudi Scientific Society
for Biomedical Engineering,
Assistant Professor at Engineering College,
King Abdulaziz University.



Dr. Ahmed Alfares

Deputy Executive Director at Centre for
Genomic Medicine, King Faisal Specialist
Hospital & Research Centre,



Dr. Fahad Hakami

Consultant Molecular Geneticist and the
Head of Molecular Medicine at King
Abdulaziz Medical City-Jeddah,



Dr. Amani Gusti

PhD, MSc in Clinical Biochemistry,
Senior Specialist in Clinical Chemistry and Strategic
Planning of Medical Pathology Laboratory,



Dr. Ahmed Aboamer

Clinical Pathology Consultant and Medical
Laboratory Manager at Al-Noor Specialist
Hospital, Makkah, KSA.



Dr. Mohammad Aldosari

Executive Director of Laboratories and Blood
Banks at Makkah Healthcare cluster,
Head of Laboratory and Blood Bank at King
Abdulaziz Hospital, Makkah,

SPEAKERS

THE 1ST INTERNATIONAL CONFERENCE ON DIAGNOSTICS & LABORATORY MEDICINE FOR MAKKAH HEALTH CLUSTER المؤتمر الدولي الأول للتشخيص و الطب المخبري لتجمع مكة المكرمة الصحي



Prof. Walaa Rabie

Professor of Clinical and Chemical Pathology, Kasr Alainy Faculty of Medicine, Cairo University. Subspecialty: Clinical Chemistry and Molecular Diagnostics.



Dr. Heba Kary

Consultant m, Chemical Pathology, King Faisal Specialist Hospital & Research Centre, Almadinah Almuwarah, Saudi Arabia.



Prof. Dalal Nemenqani

FRCPATH, FPATHKSU, IFCAP, FIAC. Professor and Consultant of Pathology and Cytopathology. Head Scientific Committee and Board Member, SSLM. College of Medicine, Taif University



Dr. Sharif Hala

Director of Biothreat Response, Public Health Authority, Saudi Arabia
Visiting Researcher, BESE, KAUST, Saudi



Prof. Jamil Al-Mughales

Associate Professor of Medical Immunology, Department of Clinical Microbiology and Immunology, Consultant Diagnostic Immunologist/Head of the Diagnostic Immunology Services,



Dr. Farouq Alzahrani

Consultant Forensic Toxicologist, Director of Forensic Medicine and Laboratories, Medical Department of GID, PSS, Riyadh, Ph.D.: Forensic Medicine and Science, University of Glasgow - United Kingdom, Glasgow.



Dr. Ahmed Bakhshwain

Assistant Professor, Department of Pathology, Faculty of Medicine, King Abdulaziz University, Jeddah, Saudi Arabia, Staff Pathologist, Department of Pathology,



Dr. Mahmoud Almutadares

Consultant Clinical and Biochemical Geneticist, Assistant Professor, Head of Department of Genetic Medicine, Faculty of Medicine, King Abdulaziz University, Jeddah, KSA.



Dr. Abdulaziz Aldlgan

Consultant in Forensic Toxicology and Section Head of Toxicology Lab at Security Forces Hospital, Riyadh,



Dr. Shadi Almoziny

Associate Medical Director at the Council of Health Insurance, Consultant Physician in Emergency Medicine, Simulation Trainers Development Lead at the Saudi Commission for Health Specialities.



Dr. Ahmed Alasmari

Head of Special Toxicological Analysis Section at the Pathology and Laboratory Medicine (DPLM) in King Faisal Specialist Hospital



Dr. Rania Balkhair

Consultant Hematopathologist, Head of Healthy Marriage at Maternity & Children hospital, Makkah, KSA



Dr. Mohammed Almohammadi

Medical Director of Laboratory Services at Alhabib Medical Group, Western Region, KSA, Consultant Hematopathologist /Transfusion Medicine, Medical Director of the Stem Cell Laboratory and Stem Cell Collection Services



Dr. Yahya Al-Ghamdi

Assistant Professor at Umm Al-Qura University, Consultant, Pathologist and Hematopathologist at King Abdullah Medical City.



Dr. Nasser Alorfi

Associate professor of Neuropharmacology Pharmacology and Toxicology Department, Umm Al-Qura University



Prof. M Iqbal Musani, MD

Chairman Department of Laboratory Medicine, Gulail Hospital, AL Jedaani Group of Hospitals.



Yara M. Daous, M.D.

Consultant anatomical & hematopathology, Assistant Professor of Pathology, King Abdulaziz University



Mr. Kamal Alblwei

Senior Laboratory Quality Management at SFHP | MSc LQM | Quality Officer | CHQ | C-KPI | LQMS | SSLPD | COSHH | ISQu | CAP Inspector | CQI/IRCA member | CQP MCQI



Dr. Doaa Alqaidy, MD

Assistant Professor, Consultant Oncologic Surgical Pathologist and Hematopathologist, Department of Pathology, King Abdulaziz University, Jeddah, Saudi Arabia.



Prof. Jaudah Almaghrabi

Professor of Pathology, Department of Pathology, Faculty of Medicine, KAU, Jeddah, KSA,

The background is a dark blue gradient. In the center, there is a large, faint, light blue silhouette of a laboratory flask. Overlaid on this and the background are various scientific icons: a DNA double helix, a microscope, a computer chip, a globe, and a chemical structure. The text 'Scientific Program' is centered in a large, bold, white font with a blue outline and a drop shadow effect.

Scientific Program

Time	Topic	Speaker
08:30am - All Day	REGISTRATION	
WORKSHOP #1 - Leadership & Management (Endorsed by Alborg Academy)		MODERATORS: Prof. Ghada Ajabnoor Prof. Walaa Rabie
		
09:30am - 09:55am	How to Make an Effective Strategic Plan for Your Laboratory	Prof. Ayman Johargy
09:55am - 10:20am	The Art of Leadership and Management	Mr. Mohammad Mordi
10:20am - 10:45am	Establishing Professionalism and Lab Etiquette	Ms. Nesreen Abo Al Jadayel
10:45am - 11:10am	Personnel Self-Discipline and Motivation	Mr. Kamal Alblwei
11:10am - 11:35am	Operational Challenges in a Diagnostic Laboratory	Mr. Jaffar Khiariy
11:35am - 12:00pm	Laboratory Economics and Value-Based HealthCare	Prof. Walaa Rabie
12:00pm - 01:00pm Q/A, COFFEE BREAK & PRAYERS		

Time	Topic	Speaker
WORKSHOP #2 - Toxicology and Forensic Sciences (Endorsed by The Arab Toxicology Association)		MODERATORS: Dr. Nawal Helmi Prof. Hani Abdullah Alhadrami
		
01:00pm - 01:20pm	Pharmacological Prohibitions in Sports: Restricted Substances and Methods	Dr. Nasser Alorfi
01:20pm - 01:40pm	Challenges in Forensic Toxicology	Dr. Abdulaziz Aldlgan
01:40pm - 02:00pm	Facts about Methamphetamine	Dr. Salah Menshawi
02:00pm - 02:20pm	Advance in Methamphetamine Analysis	Dr. Mansour AlZahrani
02:20pm - 02:40pm	Toxicology Amidst Middle East and North Africa Drug Challenges: Current Trends and Future Directions	Dr. Ahmed Alasmri
02:40pm - 03:00pm	Strengthening National Defense Through Advanced Toxicological Laboratories in Saudi Arabia: A Strategic Approach to Chemical and Biological Threats	Dr. Saif Alharthy
03:00pm - 03:20pm	The Future of Drug Testing in The Next Health Transformation	Dr. Farouq AlZahrani

PARALLEL " Abbott workshop "

FROM 1:00pm TO 3:30pm Transforming Lab Quality Using Lean Six Sigma & Informatics

Rami Abuejheish
Operations Excellence
Expert, LSSBB

03:20pm - 04:00pm Q/A, COFFEE BREAK & PRAYERS

Time	Topic	Speaker
WORKSHOP #3 - Histopathology and Hematology (Endorsed by The Saudi Society of Hematology)		MODERATORS: Dr. Ahmed Barefah Prof. Jaudah Almaghrabi
		
04:00pm - 04:25pm	Hematopathology in the Era of Healthcare Transformation	Dr. Mohammed AlMohammadi
04:25pm - 04:50pm	Addressing Coagulation and Anticoagulant Challenges	Dr. Rania Balkhair
04:50pm - 05:15pm	Dengue Virus Infection and Its Antibodies Among Saudi Donor	Prof. Ahmad Ashshi
05:15pm - 05:40pm	Ancillary Studies in Gynecological Malignancies	Dr. Firdos Saba
05:40pm - 06:05pm	Update on Urothelial Tumor	Prof. Jaudah AlMaghrabi
06:05pm - 06:30pm	Spot Diagnosis for Common Dermatopathology Cases	Dr. Faisal Almohammedi
06:30pm - 07:15pm Q/A & PRAYERS		

Time	Topic	Speaker
WORKSHOP #4 - Hematopathology (Endorsed by The Western Region Pathology Club)		MODERATORS: Prof. Fadwa Altaf Dr. Doaa Alqaidy
07:15pm - 07:30pm	Sponsor Talk	
07:30pm - 08:25pm	Small B- Cell Lymphomas: Update and Practical Points	Dr. Sonam Prakash
08:25pm - 09:00pm	Updates on Large B-cell Lymphoma from the 2022 WHO & ICC Classification	Dr. Yara Daous
09:00pm - 09:45pm	Illumination of T-cell Lymphoma through the Surgical Pathologist Microscope: Practical Consideration and Biology Updates	Dr. Doaa Alqaidy
09:45pm - 10:00pm	Effusion Confusion: A Tale of Left Pleural Leakage	Dr. Yahya Alghamdi
10:00pm - 10:10pm	Final Remarks from the 2022 WHO/ICC Classification of Lymphoid Malignancy	Dr. Doaa Alqaidy
10:10pm - 11:10pm	Q/A, DINNER & PRAYERS	

Time	Topic	Speaker
07:30am - All Day	REGISTRATION	
SESSION #1 - Artificial Intelligence and Technology (Endorsed by The Saudi Scientific Society for Biomedical Engineering)		MODERATORS: Dr. Ahmed Bakhshwain Prof. Imed Gallouzi
08:00am - 08:20am	Digital Pathology Clinical and Research Applications	Dr. Ahmed Bakhshwin
08:20am - 08:40am	Machine Learning Applications in Laboratory Medicine	Dr. Ahmad Yahya
08:40am - 09:00am	Artificial Intelligence Applications in Clinical Pathology	Prof. Mohammed Hassanien
09:00am - 09:20am	Generative AI in Medicine and Healthcare	Dr. Senay Kafkas
09:20am - 09:40am	Q/A & COFFEE BREAK	
SESSION #2 - Conference Opening and Keynote (Endorsed by Makkah Healthcare Cluster)		MODERATORS: Prof. Zuhier Awan Dr. Mohammad Aldosari
09:40am - 10:00am	Makkah Healthcare Cluster Initiatives in Laboratory Excellence	Dr. Hatem Al-Omari
10:00am - 10:20am	Translational Medicine: KAUST Smart Health Initiative	Prof. Pierre J. Magistretti
10:20am - 10:40am	Emerging Novel Biochemical Targets for Cardiometabolic Diseases	Prof. Manfredi Rizzo
10:40am - 11:00am	Innovative Technological Advancements: Predicting the Lab of the Future	Prof. Khosrow Adeli
11:00am - 11:30am	Q/A & COFFEE BREAK	
SESSION #3 - Personalized Medicine and Genetics (Endorsed by The Saudi Society of Medical Genetic)		MODERATORS: Dr. Motasim Jawi Dr. Hussam Daghistani
11:30am - 11:50am	Comprehensive Risk Assessment in Hypercholesterolemia Using LDL-C and LPA	Prof. Manfredi Rizzo
11:50am - 12:10pm	Genetic Testing and Immune Profile in Breast Cancer	Prof. Fadwa Altaf
12:10pm - 12:30pm	Harnessing the Power of the Whole Exome Sequencing	Dr. Fahad Alhakami
12:30pm - 12:50pm	Newborn Screening in the Era of Precision Medicine	Dr. Mahmoud Al Mutadares
12:50pm - 02:00pm	LUNCH & PRAYERS	
SESSION #4 - Clinical Microbiology and Immunology (Endorsed by The Saudi Society for Molecular Biology and Biotechnology)		MODERATORS: Prof. Hani Abdullah Alhadrami Prof. Jamil Al-Mughales
02:00pm - 02:20pm	Development of an Integrated and Rapid Screening Assays for the Detection of Pathogen	Prof. Mohammed Zourob
02:20pm - 02:40pm	Metagenomics of Unknown Infections: A Comprehensive Approach	Dr. Sharif Hala
02:40pm - 03:00pm	Diagnostic Immunology Strategies and Challenges in the Diagnosis and Management of the Autoimmune Diseases	Prof. Jamil Al-Mughales
03:00pm - 03:20pm	The Role and Challenges in Microbiology Lab of Tomorrow	Dr. Hani Shukri
03:20pm - 04:00pm	Q/A & PRAYERS	
Abstract Oral Presentation (Endorsed by The Saudi Society of Clinical Laboratory Science)		MODERATORS: Prof. Khalid Alharbi Prof. Imed Gallouzi
04:00pm - 04:15pm	Common Immunological Laboratory Abnormalities Detected Preconceptionally in Unexplained Female Infertility in Saudi Arabia	Prof. Emad Abdulqader Koshak
04:15pm - 04:30pm	Concurrent Parathyroid Carcinoma and Adenoma	Dr. Sara Makhdoum
04:30pm - 04:45pm	Bacteriological Water Analysis	Dr. Usamah Hussin Alkherd
04:45pm - 05:00pm	Marked and Persistent Hypouricemia in a Child Patient. A Case Study	Dr. Rawan Fahad Alghabban

PARALLEL

FROM 4:00pm TO 6:00pm

Visiting Participant's Poster and Expedition

Time	Topic	Speaker
07:30am - All Day	REGISTRATION	
SESSION #5 - 2nd Day Opening and Visionary Session (Endorsed by Saudi Society of Clinical Chemistry)		MODERATORS: Dr. Ali Fahad Alothaim Prof. Anwar Borai
08:00am - 08:20am	What Does Vision 2030 Want from the Clinical Laboratories?	Prof. Dalal Nemenqani
08:20am - 08:40am	Are Laboratories Ready for Whole Class Excellence?	Dr. Nashat Nafouri
08:40am - 09:00am	The Role of Insurance Regulator in Improving Laboratory Services Efficiency	Dr. Shadi Almoziny
09:00am - 09:20am	Insurance Challenges in the Diagnostic Fields	Prof. M Iqbal Musani
09:20am - 09:40am Q/A & COFFEE BREAK		
SESSION #6 - Population Health Management & Hajj Wellbeing (Endorsed by Emirates Clinical Chemistry Society)		MODERATORS: Dr. Najim AlShahrani Dr. Ola Elgaddar
09:40am - 10:00am	Genomics Beyond Rare Disease for a Healthy Population	Dr. Ahmed AlFares
10:00am - 10:20am	The Role of the Laboratory in Population Health Management	Prof. Hani Sabbour
10:20am - 10:40am	Preventive Medicine: Wellness Not Illness	Dr. Najim AlShahrani
10:40am - 11:00am	Lab Tales from Makkah: Case Studies During Hajj	Dr. Mohamed Hanafy Morsy
11:00am - 11:30am Q/A & COFFEE BREAK		
SESSION #7 - Quality and Lab Optimization (Endorsed by Saudi Quality Council)		MODERATORS: Dr. Nashat Nafouri Prof. Najwa Altaweel
11:30am - 11:50am	Errors in Clinical Laboratory	Prof. Najwa Altaweel
11:50am - 12:10pm	POCT Technical Challenges and Quality Aspects	Dr. Heba Kari
12:10pm - 12:30pm	Autoverification from Theory to Practice	Dr. Ahmed Aboamer
12:30pm - 12:50pm	Lab Optimization and Automation	Dr. Amani Gusti
12:50pm - 02:00pm LUNCH & PRAYERS		
Industrial Satellite Symposium (Endorsed by Khabeer Medical Laboratory Association)		MODERATORS: Dr. Mohammed Essa Mereani Prof. Ahmad Ashshi
02:00pm - 02:15pm	Mycoplasma Pneumoniae and Chlamydia Pneumonia Solution	Snibe
02:15pm - 02:30pm	The Utility of ctDNA HRR Testing for Prostate Cancer Patients	AstraZeneca
02:30pm - 03:10pm	Innovation Beyond the Laboratories	Meshaal H. AlMalki - Abbott
03:10pm - 03:20pm	Beyond Solutions: Tailored Consulting for Your Unique Challenges	Roch
03:20pm - 03:30pm	New Generation of Total Lab Automation Using the Power of AI	Beckman
03:30pm - 03:40pm	Detection and Improvement of Preanalytical Issues	BD
SESSION #8 - SSLM General Assembly		MODERATORS: Prof. Zuhier Awan Dr. Rana Bokhari
03:40pm - 03:50pm	Annual Report	Prof. Zuhier Awan
03:50pm - 04:00pm	Sponsors Appreciation	Dr. Mohammed Aldosari
04:00pm - 04:10pm	Awards Presentation	Dr. Nawal Helmi
04:10pm - 04:40pm	Lucky Draw for Attendees	Dr. Rana Bokhari



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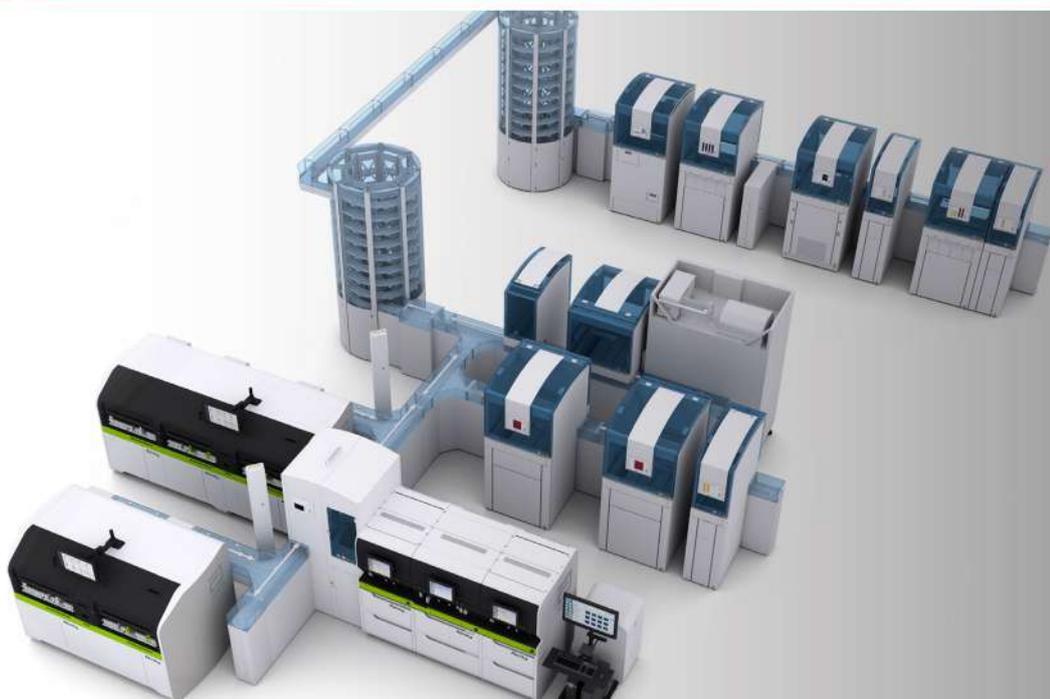
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