Saudi Society for Clinical Chemistry

8th Annual Conference

4th International Meeting on Clinical Chemistry & Laboratory Medicine



6th Dec - 8th Dec 2022

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WORKSHOP – TOXICOLOGY

TIME	TOPICS	SPEAKER
8:00 am – 8:10 am	Registration	
SESSION #1 TOXICOLOGY: Workplace Drug Testing Moderators: Dr. Ahmed Al-Asmari and Dr. Mansour Alzahrani		
8:10 am – 8:25 am	Workplace Drug Testing in the Kingdom of Saudi Arabia: An Introduction	**DR AHMED AL-ASMARI** President of Saudi Scientific Working Group for Forensic Toxicology (SSWGTOX) King Abdul-Aziz Hospital, Jeddah, KSA
8:25 am – 8:50 am	Toxicological Emergencies: Analytical, Therapeutic and Preventive Roles of Toxicological Analysis Laboratories	**PROF. ABDERRAZEK HEDHILI** Professor of Toxicology University of Pharmacy of Monastir -Tunisia
8:50 am – 9:20 am	Issues in the Workplace Drug Testing: Challenging and Proposed Resolutions with Focus on Chain of Custody and Cut-Offs	**DR FAROUQ ALZAHRANI & MR. AMJAD ASEERI** Medical Department at Presidency of State Security
9:20 am – 9:40 am	Urine Adulteration & Validity Testing in Workplace Drug Testing Screening	**MR. ALI AL-GHAMDI** Pathology and Laboratory Department King Khalid Hospital, Ministry of National Guard Health Affair Al-Jeddah, KSA
9:40 am – 10:00 am	**Coffee Break**	
10:00 am – 10:20 am	Stability of Drug of Abuse in Urine Samples Tested for Workplace Drug Testing	**DR ABDULAZIZ ALDLGAN** President of the Toxicology Committee at Medical Services Division at Saudi Ministry of Interior Section Head of Toxicology Lab at Security Forces Hospital, Riyadh, KSA
10:20 am – 10:40 am	Patterns of Drug Abuse in GCC/ MENA Region: Single tertiary care experience in Oman as an example	**DR. NAFILA BAZDAWI ALRIYAMI** Senior Consultant in Clinical Biochemistry Department Sultan Qaboos University Hospital, Oman
10:40 am – 10:55 am	Accreditation of Toxicology Testing related To Workplace Drug Testing	**MS. SALMA ALSAYED** Pathology and Laboratory Department Prince Mohammed Bin Abdul-Aziz Hospital Ministry of National Guard Health Affair, Al-Madinah, KSA

TIME	TOPICS	SPEAKER
SESSION #1 TOXICOLOGY: Workplace Drug Testing Moderators: Dr. Ahmed Al Asmari and Dr. Mansour Alzahrani		
10:55 am – 11:10 am	Overview of Different Matrices in Workplace Drug Testing	**MR. ABDULAZIZ ALDUBAYYAN** Department of Analytical, Environmental and Forensic Science, Faculty of Health Science & Medicine, King's College London, London, UK Toxicology Department, Prince Sultan Military Medical City, Ministry of Defence, Riyadh, KSA
11:10 am – 11:25 am	Workplace Drug Testing for Civilians Employees	**MR. ABDUL-RAHMAN ASSIRI** Assir Poison Control and Forensic Medical Chemistry Centre, Ministry of Health, Abha, KSA
11:25 am – 11:50 am	The Role of Online Toxicology Analysis Request and Reports (OTARR) Approach in Ministry of Health in advancing Workplace Drug Testing in the Kingdom of Saudi Arabia	**DR. MAHA ALMAZROUA** Pharm. Toxicologist & Forensic sciences Sp. DPCC Director, Founder of the 1st National tox. database & Platform, EPPC President, GS of STS, VP ATA at SOT; KSAPT Chairwoman
11:50 am – 12:10 pm	Panel Discussion and Conclusion	
12:10 pm – 1:30 pm	**Lunch and Prayer**	
SESSION #2 POINT-OF-CARE TESTING (POCT) Moderators: Dr. Malak Al Mashali and Ms. Najwa Adlan		
1:30 pm – 1:55 pm	Introduction Point-of- Care Testing (POCT) Program	**DR. FAWAZ SALEH ALBLOUI** Clinical Biochemistry Consultant, Laboratory & POCT Manager, Pathology & Laboratory Medicine Security Forces Hospital, Riyadh, KSA
1:55 pm – 2:20 pm	Setting a training and competency program for POCT users	**DR. MALAK AL MASHALI** Head of POCT Division, Central Military Laboratory & Blood Bank Dept., Prince Sultan Military Medical City Riyadh, KSA
2:20 pm – 2:45 pm	Assessing POCT practice in Saudi - Survey Results	**MS. NAJWA ADLAN** Core Lab and Blood Bank Supervisor Al Dara Hospital & Medical Center, Riyadh, KSA
2:45 pm – 3:10 pm	AACC Guidance on the use of POCT in fertility & Reproduction	**DR. HEBA SALEH KARY** Consultant Chemical Pathology KFSH&RC – Madinah, KSA
3:10 pm – 3:25 pm	Quality Improvement Program Experience in PSMMC	**DR. MALAK AL MASHALI** Head of POCT Division, Central Military Laboratory & Blood Bank Dept., Prince Sultan Military Medical City Riyadh, KSA
3:25 pm – 3:30 pm	Panel Discussion	
POCT Industry Presentation		
3:30 pm – 3:45 pm	High Sensitivity Troponin Testing at the Point of Care	**MR. STEVE CAREY** Marketing Lead - POC Cardiac Siemens Healthineers, GBI

TIME	TOPICS	SPEAKER
7:30 am – 8:00 am	Registration	SSCC PRESIDENT
8:00 am – 8:15 am	Conference Opening	
SESSION #3 KEYNOTE LECTURE Moderator: Dr. Samia Hassan Sobki		
8:15 am – 9:00 am	Central Role and Impact of Laboratory Medicine in Public Health and Healthcare Delivery	**PROF. KHOSROW ADELI** President, International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) Full Professor, Laboratory Medicine and Pathobiology (LMP), Biochemistry and Physiology, University of Toronto Head, Clinical Biochemistry, Paediatric Laboratory Medicine Senior Scientist, Molecular Medicine Program of the Research Institute, The Hospital for Sick Children, Toronto, Canada
SESSION #4 CLINICAL CHEMISTRY Moderators: Dr. Abdulhadi Bima and Dr. Waleed Al Omaim		
9:00 am – 9:30 am	Distinguishing Chronic Kidney Disease With Pathology Tests	**A/PROF KENNETH ANDREW SIKARIS** Director of Chemical Pathology, Melbourne Pathology Melbourne, Australia
9:30 am – 10:00 am	Cardiometabolic Syndrome: Pathogenesis and Biochemical Markers	**DR. LAILA ABDEL-WARETH** Acting Executive Director National Reference Lab/Cleveland Clinic Abu Dhabi, UAE
10:00 am – 10:30 am	Hyperaldosteronism Case Based Discussion and Update Objectives	**DR. MANAL AL KINDI** Senior Consultant Chemical Pathologist, Clinical Lipidiologist, & Program Director-Clinical Biochemistry Program, Oman Medical Speciality Board Royal Hospital, Muscat, Oman
10:30 am – 10:40 am	Questions and Answers	
10:40 am – 11:00 am	**Coffee Break**	
SESSION #5 CLINICAL RESEARCH Moderators: Prof. Khalid Al Harbi and Dr. Sumaia Aljendil		
11:00 am – 11:25 am	Ethics in Clinical Research: History & Principles	**DR. ANWAR BORAI** Clinical Scientist and Associate Professor King Abdulaziz Medical City- Jeddah, King Khalid National Guard Hospital, King Saud bin Abdulaziz University for Health Sciences (KSAU-HS), Jeddah, KSA
11:25 am – 11:55 am	Thoughts to Success in Scientific Research	**DR.YAS AL HADEETHI** Professor of Laser Physics Head of Lithography in Device Fabrication and Development Research Group, DSR, KAU, KSA
11:55 am – 12:20 pm	How to Get a Paper Published in an Academic Journal	**PROF. SUHAD BAHIJRI** Professor of Clinical Biochemistry and Head of Saudi Diabetes Research Group King Abdulaziz University, Jeddah-KSA
12:20 pm – 12:30 pm	Questions and Answers	
12:30 pm – 1:30 pm	**Lunch and Prayer**	

TIME	TOPICS	SPEAKER
SESSION #6 INDUSTRY WORKSHOP Moderators: Dr. Abdullah Turjoman and Mr. Zaed Ahmed Asiri		
1:30 pm – 1:50 pm	The clinical role of sFlt-1/PlGF as biomarkers in the aid of the early diagnosis of Preeclampsia	**MR. RANIE BESISOU** Medical Affairs Manager Roche Diagnostics, Saudi Arabia
1:50 pm – 2:10 pm	Advances in Nephelometry in Renal Disease Management	**DR. CLAUS PRUEMPER** Franchise Head Plasma Protein Testing Siemens Healthineers, Marburg
2:10 pm – 2:30 pm	Laboratory Biomarkers in Autoimmune Disease Diagnosis and Monitoring	**PROF. KHOSROW ADELI** President, International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) Full Professor, Laboratory Medicine and Pathobiology (LMP), Biochemistry and Physiology, University of Toronto Head, Clinical Biochemistry, Paediatric Laboratory Medicine Senior Scientist, Molecular Medicine Program of the Research Institute, The Hospital for Sick Children, Toronto, Canada
2:30 pm – 2:50 pm	Artificial Intelligence in The Clinical Decision	**DR. SAMAH KHALED JEMAA** Marketing Manager Abbott Diagnostic, Riyadh, KSA
2:50 pm – 3:05 pm	**Prayer**	
3:05 pm – 3:20 pm	New Generation of Total Lab Automation	**MR. AHMED TAMIM** Automation & IT Manager Beckman Coulter, Riyadh, KSA
3:20 pm – 3:35 pm	The Future of M-component Analysis	**DR. JAMES LAST** Lead of International Medical Science Liaison The Binding Site Group Limited, UK
3:35 pm – 3:50 pm	Value of Automated Toxicology Screening	**MR. MAHMOUD ZAGHLOUL** Thermo Fisher Scientific, Business Development Manager CDD, Saudi Arabia
3:50 pm – 4:05 pm	The Road to Automation in Clinical Dx with Mass Spec - The IVD Manufacturer's Perspective	**DR. FRANK KÜHLWEIN** Head of International Sales Chromsystems GmbH, Munich, Germany
4:05 pm – 4:20 pm	The Importance of Precise and Reliable Glucose and Ketone Measurements in Critical Care Settings	**DR. MARCIN PACEK** Senior Director of Medical and Scientific Affairs Europe, Nova Biomedical
4:20 pm – 4:30 pm	*LUCKY DRAW FOR ATTENDEES*	

TIME	TOPICS	SPEAKER
SESSION #7 LABORATORY MANAGEMENT Moderators: Dr. Ali Al Othaim and Dr. Anwar Borai		
8:30 am – 8:55 am	Hitchhikers Guide to Next Generation Leadership	**DR. LAILA ABDEL-WARETH** Acting Executive Director National Reference Lab/Cleveland Clinic Abu Dhabi, UAE
8:55 am – 9:20 am	The Triangle of Success for Future Laboratories: The 3 Cs and I Model	**DR. NASHAT NAFOURI** Chair of Healthcare Interest Group & Executive Officer (SQC) / Medical & Quality Director Futurelab
9:20 am – 9:45 am	The Laboratory Between Leadership and Management	**MR. KHALID MOHAMMED AL ZAHRANI** Operations Administrator, Laboratory Services King Abdulaziz Medical City, MNGHA, Riyadh, KSA
9:45 am – 9:55 am	Questions and Answers	
9:55 am – 10:05 am	**Coffee Break**	
SESSION #8 LOW CARB SOCIETY Moderators: Dr. Waleed Al Tamimi and Prof. Rana Hasanato		
10:05 am – 10:35 am	Pathology Testing Explains The Impact Of Diet On Cardiovascular Risk	**A/PROF KENNETH ANDREW SIKARIS** Director of Chemical Pathology, Melbourne Pathology Melbourne, Australia
10:35 am – 11:00 am	Hepatic and Extrahepatic Insulin Resistance and its Clinical Significance	**DR. AMMAR ABDULKADER TONKAL** Medical Doctor, Lifestyle Medicine Clinic Mira Gulf Clinic, Jeddah KSA
11:00 am – 11:25 am	Current Method to Measure Insulin Resistance	**MR. RAYYAN ALI IBRAHEEM AL-SULAIMANI** Laboratory Technologist King Abdullah Medical City (KAMC) Makkah Al-Mokarramah, KSA
11:25 am – 11:50 am	Insulin resistance! How to reverse it?	**DR. ABDULHADI IBRAHIM BIMA** Chemical Pathology Consultant King Abdul-Aziz University Hospital, Jeddah, KSA
11:50 am – 12:00 pm	Questions and Answers	
12:00 pm – 1:00 pm	**Lunch and Prayer**	

TIME	TOPICS	SPEAKER
SESSION #9 GENERAL CHEMISTRY Moderators: Dr. Sumaia Aljendil and Dr. Abdullah S. Alshehri		
1:00 pm – 1:20 pm	Glycated Albumin as an alternative to Glycated Hemoglobin for the diagnosis and monitoring of Dysglycemia	**PROF. SUHAD BAHIJRI** Professor of Clinical Biochemistry Head of Saudi Diabetes Research Group King Abdulaziz University, Jeddah, KSA
1:20 pm – 1:40 pm	Unravelling the Non-HDL-C Story	**DR. MANAL AL KINDI** Senior Consultant Chemical Pathologist, Clinical Lipidiologist, & Program Director-Clinical Biochemistry Program, Oman Medical Speciality Board Royal Hospital, Muscat, Oman
1:40 pm – 2:00 pm	Interferences in Laboratory Tests: An Old and Recurring Problem	**DR. NAFILA BAZDAWI ALRIYAMI** Senior Consultant in Clinical Biochemistry Department Sultan Qaboos University Hospital, Oman
2:00 pm – 2:20 pm	Importance of the Preanalytical Phase in different areas of the Laboratory	**Dr. Waleed Tamimi** Head of Clinical Chemistry Lab King Abdulaziz Medical City - Riyadh, KSA
2:20 pm – 2:40 pm	Clinical Application of Herpes Simplex Virus Infection	**DR. FADEL AL HABABI** Head of virology Department Regional Lab and Blood Bank, Riyadh, KSA
2:40 pm – 3:00 pm	Procalcalcitonin and Its Role in Patients with Covid-19	**DR. DUAA MOHAMMED ALAHDAL** Consultant Medical Biochemist KAAUH, PNU Assistant Professor Tiabah University, Madina, KSA
3:00 pm – 3:10 pm	Questions and Answers	
SESSION #10 Moderators: Dr. Ali Al Othaim and Dr. Salam Saadeddin		
3:10 pm – 3:25 pm	General Assembly	**DR. SAMIA SOBKI**
3:25 pm – 3:40 pm	Award Presentation	**DR. SALAM SAADEDDIN**
3:40 pm – 3:55 pm	Sponsor Appreciation	**DR. WALEED AL TAMIMI / DR. ALI AL OTHAIM**
3:55 pm – 4:10 pm	Closing	**DR. SAMIA SOBKI**

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SSWGTOX Saudi Scientific Working Group for Forensic Toxicology

SPOCTA Point Of Care Testing Saudi Association

LOW CARB SOCIETY

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