



Human Cancer Genome Research Conference-2024

May 17-18,2024

At Alfaisal University, Saudi Arabia, Riyadh

Scientific Program

Day 1, Friday, May 17, 2024

TIME	Topics	SPEAKER
08:30 - 09:00	On-site registration and Breakfast	
09:00 - 09:15	Opening Ceremony	Prof. Khaled Al-Kattan VP Finance & Admin & Dean, College of Medicine
09:15 - 09:30	Introduction	Dr. Haya Bint Khaled Bin Bandar Al Saud VP of Organizational Strategy and Development
09:30 - 10:00	The Future of Genomic Therapy	Dr. Ahmed Aljedai Founding President at Saudi Society of Clinical Pharmacy
10:00 - 10:30	Precision Oncology for the non-Oncologist	Dr. Abdulelah Hawsawi Member Board of Directors at Joint Commission Resources, Chief Executive officer at Novo Genomics, Vice President for International Affairs at Global Sepsis Alliance
10:30 - 10:45	Panel discussion Dr. Ahmed Aledai & Dr. Abdulelah Hawsawi	
10:45 - 11:00	Coffee break	
11:00 - 11:25	Single-Cell Sequencing: Current Clinical Applications in Precision Genomics and a New Era of Cancer Therapeutics	Dr. Yousef Hawsawi Associate Professor, King Faisal Specialist Hospital and Research Center, Jeddah
11:25 - 11:50	Implementation of Next Generation Sequencing (NGS) as a Diagnostic Tool in Infectious Diseases	Dr. Hamsa T. Tayeb Clinical Scientist, Clinical Genomics department, Centre for Genomic Medicine
11:50 - 12:15	Utility of Single-Gene Testing in Cancer Specimens	Dr. Mehenaz Hanbazazh Consultant Pathologist- Assistant Professor, Department of Pathology, University of Jeddah
12:15 - 12:30	Panel discussion Dr. Yousef Hawsawi, Dr. Hamsa t.Tayeb & Dr Mehenaz Hanbazazh	
12:30 - 13:30	Break & Prayer	
13:30 - 13:55	Emerging role of exosomal microRNA in liver cancer in the era of precision medicine; potential and challenges	Prof. Ahmed Yaqinuddin Professor of Anatomy & Cell Biology, Alfaisal University
13:55 - 14:20	The Role of a Pathologist in the Era of Tumor Molecular Characterization and Personalized Medicine	Dr. Amal Alodaini Consultant pathologist, Medical Laboratory Department Director, King Fahd University Hospital
14:20 - 14:45	Local experience of molecular tumor boards at MNGHA	Dr. Kanaan Al-Shammari Medical Oncology Consultant, King Abdulaziz Medical City
14:45 - 15:10	KLIPP - Precision targeting of cancer using CRISPR	Prof. Mats Ljunhman Departments of Radiation Oncology and Environmental Health Sciences, University of Michigan Medical School
15:10 - 15:30	Break	
15:30 - 15:50	Panel discussion Prof Ahmed Yaqinuddin, Dr. Amal Alodaini, Dr. Kanaan Al-Shammari & Prof Mats Ljunhman	
15:50 - 17:00	Poster presentation and evaluation	



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Day 2, Saturday, May 18, 2024

TIME	PROGRAM	SPEAKER
08:30 - 09:00	On-site registration and Breakfast	
09:00 - 09:25	AI-Driven Insight for Cancer Genome	Dr. Lamia Al Omair Ministry of Communication and Information Technology, Faculty affiliated at George Mason University (USA)
09:25 - 09:50	Precision Medicine in Childhood Cancer	Dr. Amani Kofide Consultant Pediatric Hematology Oncology, King Faisal Specialist Hospital & Research Center
09:50 - 10:15	Platelet and cancer crosstalk	Dr. Mohammed Algahtani Laboratory manager and quality patient/safety coordinator, Comprehensive Specialized Clinics
10:15 - 10:30	Panel discussion Dr. Lamia Al Omair, Dr. Amani Kofide & Dr. Mohammed Algahtani	
10:30 - 10:45	Break	
10:45 - 11:10	Molecular profiling of solid tumors, KFSHRC experience	Dr. Nada Altassan Clinical Scientist, King Faisal Specialist Hospital & RC
11:10 - 11:35	Cancer prediction for prevention and early intervention	Dr. Mariam Alessa Senior Genetic Consultant, Public Health Authority
11:35 - 12:00	Implication of Radiation to Head and Neck Cancers on Healthy Salivary Glands	Dr. Rimah Abdullah Saleem Assistant Professor, Biochemistry & Molecular Medicine, Alfaisal University
12:00 - 12:15	Panel discussion Dr. Nada Altassan, Dr. Mariam Alessa, Dr. Rimah Abdullah Saleem & Dr. Reham Ajina	
12:15 - 13:15	Break	
13:15 - 13:40	Identification of Novel Variants Associated with breast Cancer in Saudi Arabia	Dr. Yousef Hawsawi Associate Professor, King Faisal Specialist Hospital and Research Center, Jeddah
13:40 - 14:05	Strategies for Developing Long-acting G-CSF in Patients with Leukemia	Dr. Abdulrahman Alshehri Consultant of clinical biochemistry and deputy manager of laboratory & blood bank, Security Forces Hospital
14:05 - 14:30	Real-world experience of Immune Checkpoint inhibitors in dMMR/MSI-H mCRC	Dr. Reham Ajina Assistant Professor, College of Applied Medical Sciences, King Saud University
14:30 - 14:55	Exploring the Intersection of Fluoropyrimidines and Genetic Screening in Saudi Arabia: Unveiling Insights into Personalized Cancer Treatment Strategies	Dr. Hatouf Sukkarieh Assistant Professor of Pharmacology, Alfaisal University
14:55 - 15:20	Lost in the landscape of cancer genomics; Perhaps it is time to diversify your NGS navigation kit	Dr. Bashayer Almubarak Clinical Scientist, King Faisal Specialist Hospital & RC
15:20 - 15:35	Break	
15:35 - 16:00	Panel discussion Dr. Yousef Hawsawi, Dr. Abdulrahman Alshehri, Dr. Hatouf Sukkarieh, & Dr. Bashayer Almubarak	
16:00 - 17:00	Poster Award Announcement	