



المؤتمر الدولي لأمراض الدم

International Conference on
Hematological Diseases

2019

Conference Scientific Program

DAY 1 – Tuesday February 12th, 2019

TIME	ACTIVITY
DAY 1 – Tuesday February 2019 ,12 Pre-Conference Workshops (College of Medicine – King Faisal University)	
8:00 - 9:00 am	Registration
9:00 - 9:10 am	Welcome/Introductory Remarks Dr. Mohammed F Alfarhan (Chairman, Conference Organizing Committee)
Workshop 1 – Instructor: Professor Stephen Jane, MD Chairman, Department of Medicine, Alfred Hospital, Melbourne, Australia	
Time	9:10 - 11:10 am
Venue	Room 2001 First floor, College of Medicine, King Faisal University
Workshop Title	chronic lymphocytic leukemia (CLL)
Workshop description	The workshop will focus on the description of the clinical presentation of chronic lymphocytic leukemia. Evidence-based approaches to the management of the disease will be discussed.
Workshop Objectives	Discuss risk factors and pathogenesis of CLL Discuss Clinical stages of CLL Discuss optimum approaches for management Discuss strategies of combination chemotherapy and different used protocols.

DAY 1 – Tuesday February 12th, 2019

Workshop 2 – Instructor: **Dr. Ahmed AlSuliman, MD**
King Fahd Hospital, Ministry of Health, AlAhssa, Kingdom of Saudi Arabia.

Time	9:10 - 11:10 am
Venue	Room 2017 First floor, College of Medicine, King Faisal University
Workshop Title	Diagnostic and Treatment Dilemmas in Hematology/Oncology
Workshop description	Understanding of the biologic basis of malignant and nonmalignant hematologic disorders and have opened a new vista of potential therapeutic approaches to improve cure rates and outcomes.
Workshop Objectives	Discuss normal and disordered hematopoiesis, including changes related to age from the fetus to the elderly Discuss genetics and cytogenetics pertaining to Hematology Describe the mechanisms of action of chemotherapeutic agents and targeted agents. Discuss the principles of molecular testing including the polymerase chain reaction (PCR)
12:00-1:00pm	Prayer Break

Workshop 3 – Instructor: **Dr. Mortada AlSalman, MD**
King Faisal University, Al-Ahssa, Kingdom of Saudi Arabia.

Time	1:00 - 3:00 pm
Venue	Room 2017 First floor, College of Medicine, King Faisal University
Workshop Title	Bleeding disorders: From Clinical Uncertainty to Diagnosis
Workshop Description	Despite worldwide prevalence of bleeding disorders, diagnosis is often delayed and this is attributed to inability to differentiate normal from abnormal bleeding or incomplete laboratory evaluations.
Workshop Objectives	Clinical tools for objective evaluation of patient with suspected bleeding disorder. Appropriate utilization of lab investigations to diagnose bleeding disorder.

Workshop 4 – Instructor: **Dr. Mansour AlJabri, MD**,
King Saud University, Riyadh, Kingdom of Saudi Arabia.
Co-instructor: **Dr. Abdullah AlHarbi, MD**
Imam Muhammad Bin Saud Islamic University, Riyadh, Kingdom of Saudi Arabia.

DAY 1 – Tuesday February 12th, 2019

Time	1:00 - 3:00 pm
Venue	Room 2001 First floor, College of Medicine, King Faisal University
1:00 -2:45 pm Workshop Title	The Bone Marrow Workshop “Evaluation of Bone Marrow Biopsies and Aspirates”
Workshop Description	Devoted to lymphoid proliferations with primary presentation in the bone marrow and Interpretation of blood films, bone marrow aspirates and biopsies
Workshop Objectives	Features of bone marrow involvement in Hodgkin lymphoma, aggressive B-NHL and peripheral T-cell lymphomas, Non-neoplastic lymphoproliferations in the bone marrow, The role of the microenvironment in BM lymphoma manifestations

DAY 2 – Wednesday, February 2019 ,13

7:30-8:15 am	Registration (King Faisal University Festival Halls)	
8:15-8:30 am	Welcome/Introductory Remarks Dr. Mohammed F Alfarhan (Chairman, Conference Organization Committee)	
Session 1: Chairman: Prof. Amein Al-Ali Cochairman: Dr. Brian Mozeleski		
8:30-9:15 am	Professor Martin Steinberg, MD Boston University School of Medicine, Boston, USA	Sickle Cell Disease: Past; Present; Future
9:15-10:00 am	Professor Stephen Jane, MD Department of Medicine, Alfred Hospital, Monash University, Melbourne, Australia	New therapeutic approaches to Sickle Cell Disease
10:00 – 10 :20am	Discussion	
10:20 – 10:30 am	Break	
10:30-11:45 am	Opening Ceremony	
11:45am-1:00pm	Lunch Break/Prayer	
Session 2: Chairman: Prof Abdelrahman Al-mulhim Cochairman: Dr. Kamal Al-Moubark		
1:00 -1:20 pm	Dr. Reem AlBunaian, MD Ministry of Health, Kingdom of Saudi Arabia	National Transition Initiative for Blood Diseases in the Kingdom of Saudi Arabia
1:20 -1:50 pm	Professor Harshal Nandurkar, MD Alfred Hospital, Monash University, Australia	Anticoagulant therapy: Optimum reversal strategies and when to stop treatment
1:50 -2:20 pm	Dr. Abdulrahman Al-Sultan, MD College of Medicine, King Saud University, Riyadh Kingdom of Saudi Arabia	Sickle Cell Disease in Saudi Arabia: Phenotypic Heterogeneity, Genetic Modifiers, and Current Therapeutic Approach
2:20 – 2:50 pm	Dr. Suad Al-Ateeq, <i>PhD</i> College of Medicine, Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia	CRISPR/Cas9-aided strategies for seamless gene correction, and subsequent interrogation of RNA splicing patterns, in the HBB locus in beta-thalassemia iPS cells
2:50 – 3:10 pm	Discussion	
3:10 – 3:30 pm	Break/Prayer	

Session 3: Moderator: Chairman: Dr. Fahad AlWadaani Cochairman: Dr Ibrahim AlJabr			
DAY 2 – Wednesday, February 2019 ,13	3:30-4:00 pm	Professor Brendan Keating, PhD Division of Transplantation, University of Pennsylvania, Philadelphia, USA	Repositioning IL6R monoclonal antibodies as a solid-organ & stem-cell transplant co-therapy
	4:00-4:30 pm	Dr. Mansour AlJabri, MD, College of Medicine, King Saud University, Riyadh, KSA	Primary familial polycythemia, the forgotten entity
	4:30-5:00 pm	Dr. Mortada AlSalman, MD College of Medicine, King Faisal University, AlAhssa, KSA	Hemophilia carrier, are we aware?
	5:00 -5:10 pm	Discussion	
	Recreational Program / Gala Dinner		

DAY 3 – Thursday, February 2019, 14

Session 1: Chairman: Prof. Amein AlAli Cochairman: Dr Mansour AlJabri		
8:30-9:10 am	Dr. Brian Mozeleski, PhD Sickle cell group, Boston, USA	A prototype diagnostic for cellular fetal hemoglobin in sickle cell disease
9:10-9:40 am	Dr. Shuaiying Cui, PhD Boston University School of Medicine, Boston, USA	Reactivation of Gamma-Globin to Treat Sickle Cell Disease
9:40-10:10 am	Dr. Ahmed AlSuliman, <i>MD</i> King Fahd Hospital, MOH, Al-Ahssa, KSA	Co-inheritance of novel ATRX gene mutation and globin (α & β) gene mutations in transfusion dependent beta-thalassemia
10:10-10:30 am	Discussion	
Session 2: Chairman: Dr Nawaf AlAnazi Cochairman: Dr Abbas AlAbdullatif		
10:30-11:00 am	Professor Harshal Nandurkar, MD Alfred Hospital, Monash University, Australia	Antiphospholipid Syndrome advances in pathophysiology
11:00-11:30 am	Dr. Chittibabu Vatte, PhD College of Medicine, Imam Abdulrahman Bin Faisal University, Dammam, KSA	Fetal Hemoglobin and its genetic regulators (ANTXR1)
11:30 am-12:00 pm	Dr. Enas S Essa, MD College of Medicine, Menoufiya University, Egypt	Association of MNS16A VNTR and hTERT rs2736098:G>A polymorphisms with susceptibility to diffuse large B-cell lymphoma
12:00-12: 15 pm	Discussion	
12:15-1: 00 pm	lunch Break/ Prayer	

DAY 3 – Thursday, February 2019, 14

Session 3: Chairman: Dr Emad AlKhofi Cochairman: Dr AbdulMotaleb Aldandan		
1:00-1:30 pm	Dr. Mohammed Abdullah Al-Jumaan, <i>MD</i> College of Medicine, Imam Abdulrahman Bin Faisal University, Dammam, KSA	Toxins induce hematological manifestations
1:30-2:00 pm	Dr. Kasumi K. Barouch, PhD College of Medicine, Imam Abdulrahman Bin Faisal University, Dammam, KSA	Periodontal health in SCD patients: What we know and what we don't know
2:00-2:30 pm	Dr. Cyril Cyrus, <i>PhD</i> College of Medicine, Imam Abdulrahman Bin Faisal University, Dammam, KSA	Basic aspects of PCR in clinical practice
2:30-3:00 pm	Professor AbdulRahman S. AlMulhim, MD College of Medicine, King Faisal University, AlAhssa, KSA	Laparoscopic Cholecystectomy in Adult Patients with Sickel Cell Disease (15 years' experience in Al-Ahssa)
3:00-3:10 pm	Discussion	
3:10-3:30 pm	Break/ Prayer	
Session 4: Chairman: Dr. Omar M Bayameen Cochairman: Dr. Naif AlHamam		
3:30-3:50 pm	Dr. Ossama M Zakaria, <i>MD</i> College of Medicine, King Faisal University, Al-Ahssa, KSA	Diagnosis of Acute Appendicitis in Children with Sickel Cell Disease
3:50-4:10 pm	Dr. Doaa Mahmoud Alian, MD College of Medicine, King Faisal University, Al-Ahssa, KSA	Nitrate assessment in Patients with thalassemia and sickle cell anemia
4:10 - 4:30 pm	Ms. Taghreed Alsuwailem College of agricultural and food sciences, King Faisal University, Al-Ahssa, KSA	The Role of Nutrition in Activating NRF2 Pathway and Enhancing Immune Function in Sickel Cell Anemia
4:30-4:45 pm	Discussion	
4:45 – 5:00 pm	Closing Remarks Dr. Mohammed F Alfarhan (Chairman, Organizing Committee)	



المؤتمر الدولي لأمراض الدم

International Conference on
Hematological Diseases

2019



كروبي الشيخ محمد بن عبدالعزيز المعيار
لأمراض المستوطنة



الهيئة السعودية للتخصصات الصحية
Saudi Commission for Health Specialties