



SSMG 2019 Conference

15-16 April 2019 (10-11 Shaaban 1440)

Building 19, KAUST Campus, Thuwal, Jeddah, Saudi Arabia.

Day 1: Monday 15 April 2019		
08:30– 09:00	Breakfast & Registration, Building 19, Conference Hall 1	
09:00 – 09:30	Opening Ceremony	Greeting remarks and welcoming from KAUST. Prof. Takashi Gojobori, Computational Bioscience Research Center (CBRC)
		SSMG Opening Speech. Dr.Saleh AlGhamdi, The Saudi Society of Medical Genetics (SSMG)
SESSION I- Overview of Genetic in the area		
CHAIRPERSON	Prof Mohammed AlQahtani	
09:30– 10:00	Spectrum of Genetic diseases in KSA	Prof. Zuhair Rahbeeni
10:00 – 10:30	Applied Genomics to innovative precision therapeutics; a multifaceted success story aligned with Saudi vision 2030	Prof. Adeel Chaudhay
10:30 – 11:00	Coffee Break	
11:00– 11:30	Lethal Birth Defects, KSA challenges in the Current Genetic Era	Dr. Eissa Faqeih
11:30 – 12:00	A Perspective of Human Population Genetics from 100K Genome Club	Prof. Takashi Gojobori
12:00 – 12:30	Non-immune Hydrops Fetalis and Sub-fertility Geneticist View	Dr. Fuad Al Mutairi
12:30 – 13:30	Prayer & Lunch	
13:30 – 14:00	Poster Session/Building 19, Conference Hall 2	
SESSION II –Clinical Genetics		
CHAIRPERSON	Dr. Fuad Al Mutairi	
14:00 – 14:30	What is the right sequencing approach: Solo vs extended family analysis	Dr. Ahmed AlFares
14:30 – 15:00	Split-hand/ foot malformation (SHFM) caused by WNT10B mutations: A case series of three Saudi Families and a classification system for the limb defects	Dr. Malak AlGhamdi
15:00– 15:30	AI systems for clinical variant interpretation	Prof. Robert Hoehndorf
15:30 – 15:45	Coffee Break	
15:45 – 16:15	The Past, Present and Future of Saudi NBS Journey	Ms. Suhad Al Muaigl
16:15 – 16:30	Ophthalmic Genetics in the horizon of precision medicine	Dr. Basamat AlMoallem
16:30 – 17:00	The future direction of inherited retinal gene therapy; transition from bench to bedside towards precision medicine	Prof. Selwa Al-Hazzaa
18:30 - 20:00	Gala Dinner Al Marsa Yacht Club (By Invitation)	



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Day 2: Tuesday 16 April 2019		
08:30 – 09:00	Breakfast, Building 19, Conference Hall 1	
SESSION III – Genetic of Diseases		
CHAIRPERSON	Dr. Amal AlHashem	
09:00 – 09:30	HX repeat motifs and their role in a novel neurocognitive syndrome	Prof. Stefan Arold
09:30– 10:00	A Promising Drug Delivery System: Peptide-Stabilised Nanoemulsions Toward Personalised Medicine	Dr. Hossam Tayeb
10:00 – 10:30	Coffee Break	
10:30– 11:00	Understanding Genetic testing in the era of molecular Genetics	Dr. Seham AlAmeer
11:00 – 11:30	Gaucher Disease Management: Therapeutic goals and treatment options.	Dr. Abdulelah Qadi
11:30– 12:00	The Promise of Using Induced Pluripotent Stem Cells for the Treatment of Genetic Disorders.	Dr. Halah Alkadi
12:00 – 12:30	Poster Presentation Session/Building 19, Conference Hall 2	
12:30 – 13:30	Prayer & Lunch	
SESSION IV – Counseling , Prevention & Management		
CHAIRPERSON	Dr. Mohamad AlHamed	
13:30 – 14:00	How do Genetic change our practice?	Dr. Amal AlHashem
14:00 – 14:30	Non-invasive prenatal testing (NIPT): As opposed to invasive (Amniocentesis)	Dr. Mohammad Khalid Alwasiyah
14:30 – 15:00	A Key Role for Genetic Counselor in the Genomic Era	Ms. Lamia Alsubaie
15:00 – 15:15	Coffee Break	
SESSION V – Best Abstracts		
CHAIRPERSON	Dr. Saleh AlGhamdi	
15:15 – 15:30	Abst: Next Generation Sequencing and Bioinformatics application identify initiative genes in Brain Tumours.	Dr. Hani Al-Afghani
15:30 – 15:45	Abst: Bioinformatics Analysis of Chronic Obstructive Pulmonary Disease (COPD)- Associated Interleukin-6 and CHRNA3 Genetic Variations	Dr.Hanadi Zabrmawy
15:45 – 16:00	Abst: HHAT is a candidate autosomal recessive holoprosencephaly gene	Dr.Fahad Hakami and Dr.Yaser Faden
16:00 – 16:15	Discussion, Closing Remarks & Future SSMG Scientific Events	
16:15 – 16:45	Appreciation for the Sponsor Companies and the Poster Winners by Prof. Zuhair Rahbeeni and Prof. Takashi Gojobori	