Scientific Program

Day 1 | Thursday, 18th January 2018

08:30 - 09:30	Registration	
09:30 - 10:00	Conference & Exhibition Opening	
10:00 - 10:45	**Keynote Lecture:** The Arab Variome: Unlocking the Mysteries of The Human Genome Fowzan Alkuraya, KSA	
10:45 - 11:30	Coffee Break and Poster Session A (Multifactorial Disorders)	
11:30 - 12:00	Invited Talk: The 100,000 Genomes Project Rare Disease Programme: Achievements and Future Plans | Emma Baple, UK	Precision Medicine
12:00 - 12:15	Genetic landscape of Primary Ciliary Dyskinesia in Arab population. Mahmoud Fassad, UK	
12:15 - 12:30	Invited Talk: Precision in Genetic Counselling Andre Megarbane, Lebanon	
12:30 - 13:00	Invited Talk: In Cancer Care, a Broad Perspective Matters: Leveraging the Genome to Advance Personalized Cancer Care | Michael Pellini, USA	
13:00 - 13:15	Degradation routes of trafficking-defective VLDLR mutants associated with Dysequilibrium syndrome | Praseetha Kizhakkedath, UAE	
13:15 - 13:30	Incorporation of Tumor RNA Sequencing Data in Pathogenicity Classification of Germline Variants | Chimene Kesserwan, USA	
13:30 - 14:30	Lunch and Networking	
14:30 - 15:00	Invited Talk: Autism, Amazing Minds - Complex Genetics. Owen Rennert, USA	Genomics of Multifactorial Disorders
15:00 -15:15	Genetic Factors Associated with Multiple Sclerosis Risk and Clinical Characteristics in the Kuwaiti Population | Rabeah Altemaimi, Kuwait	
15:15 - 15:30	The Prevalence of DICER1 Variants in Low-risk Pediatric Thyroid Carcinoma Somayyeh Fahiminiya, Canada	
15:30 - 16:15	Coffee Break and Poster Session B (Big Data in Human Genetics)	
16:15 - 16:30	Intersection of Genetics and Epigenetics in Schizophrenia Saradalekshmi Koramannil Radha, UAE	
16:30 - 16:45	Orphan expression profiling in human islets revealed novel genes for type 2 diabetes Jalal Taneera, UAE	
16:45 - 17:00	Use of Chromosome Substitution Strains and Derived Congenic Strains to Study the Genetic Architecture of Complex Traits | Soha Yazbek, Lebanon	
17:00 - 17:15	Genetics of Memory and Cognition in the Elderly Vadim Stepanov, Russia	
17:15 - 17:30	Multiple GNAS1, FGF23, FGFR3 Genes' Striking Mutations in CKD Patients with SH New Bone Displasia Uglifying Human Face Appearances Sagliker Syndrome Yahya Sagliker, Turkey	

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Day 2 | Friday, 19th January 2018

08:00 - 09:00	Registration	
09:00 - 09:45	Coffee Break and Poster Session C (Precision Medicine)	
09: 45 - 10:30	**Keynote Lecture:** Leveraging Large-Scale Genome-Wide Association Studies in Diverse Populations to Advance Understanding of the Genetic Contribution to Type 2 Diabetes Susceptibility | Andrew Morris, UK	
10:30 -11:00	Invited Talk: The International Consortium of Immuno Deficiency: A Global Approach to the Genetic Diagnosis of Primary Immunodeficiencies | Raif Geha, USA	Current Trends in Human Genetics
11:00 - 11:15	Recessive Genetic Causes of Early Onset Epileptic Encephalopathies | Amal Alhashem, KSA	
11:15 - 11:30	UAE Human Whole Genome Sequencing by Next Generation Sequencing (NGS): A Pilot Study | Rachel Howley, UAE	
11:30 - 12:00	Invited Talk: Beyond the Human Genome | Jacques Beckmann, Switzerland	
12:00 - 12:15	Deficient activity of Genes Associated with Amino Acid Metabolism Underlies Autosomal Recessive Syndromes of Microcephaly, Hypomyelination, and Epileptic Encephalopathy Ganeshwaran Mochida, USA	
12:15 - 14:00	Friday Prayer and Lunch Break	
14:00 - 14:15	Tracing the Dark Matter: Prevalence and Structure of Intra-genic Copy Number Variants in Mendelian Disease Genes in a Large Clinical Cohort | Swaroop Aradhya, USA	Big Data in Human Genetics
14: 15 - 14:45	Invited Talk: Missing Heritability & Big Data: Coronary Artery Disease | Pierre Zalloua, Lebanon	
14:45 - 15:00	Deciphering the Molecular Pathogenesis of Asthma using publicly available transcriptomic data | Mahmood Hachim, UAE	
15:00 - 15:15	Whole Genome Sequencing Offers Additional but Limited Clinical Utility Compared to Re-Analysis of Whole Exome Sequencing | Ahmed Alfares, KSA	
15:15 - 15:30	Utility of Whole Exome Sequencing for the Early Diagnosis of Pediatric-onset Cerebellar Atrophy Associated with Developmental Delay in an Inbred Population Hisham Megahed, Egypt	
15:30 - 16:15	Coffee Break and Poster Session D (Current Trends in Human Genetics)	
16:15 - 16:45	Invited Talk: The Role of Integrated OMICS in Personalized Medicine | Rifat Hamoudi, UAE	
16:45 - 17:00	Award Presentation & Closing Remarks	