

Scientific Program

Day One – 21st January 2016

TIME	PROGRAM
08:00 – 09:30	Registration
09:30 – 10:30	Opening Ceremony, Exhibition Inauguration and Coffee Break
10:30 – 13:00	Module 1: Diabetes & Metabolic Disorders Moderators: Bassam Ali & Riad Bayoumi
10:30 – 11:10	Keynote Lecture I: Diamonds in the Dirt: Using Genetics and Genomics to Inform Biology and Treatment of Type 2 Diabetes Mark McCarthy
11:10 – 11:30	Keynote Lecture II: Meta Analyses Conducted by CAGS: HLA Class II and Type 1 Diabetes in Arabs Abdul Rezzak Hamzeh
11:30 – 11:50	High Prevalence of MODY Variants in Patients Previously Diagnosed with Gestational Diabetes Anette Gjessing
11:50 – 12:10	Analysis of Genetic Variation in Obesity Genes in Worldwide Populations and Evolutionary Origin of Obesity Vadim Stepanov
12:10 -12:30	Application of Urinary C-peptide to Creatinine Ratio (UCPCR) for Discrimination of Maturity Onset Diabetes of the Young (MODY) in the Emirati Population Hinda Daggag
12:30 – 13:00	Panel Discussion
13:00 – 14:00	Lunch
14:00 – 17:30	Module 2: Genetics of Neurodevelopmental Disorders Moderators: Habiba Chaabouni & Andre Megarbane
14:00 – 14:45	Keynote Lecture III: Primary Microcephalies and Primordial Microcephalic Dwarfisms Alain Verloes
14:45 – 15:05	CRISPR-Cas9 Genome Editing for Cellular Modeling of Microcephaly Ganeshwaran Mochida
15:05 – 15:30	Whole Exome Sequencing In Genetic Isolates - A Founder Mutation of the C12orf4 Gene Underlies Autosomal Recessive Non-Syndromic Intellectual Disability (NSID) Irma Jarvela
15:30 – 16:00	Coffee Break
16:00 – 16:45	Keynote Lecture IV: Neuromuscular Disorders and Rehabilitation Andre Megarbane
16:45 – 17:05	Computational Approach towards Targeting Aggregate Formation in Synucleinopathies, Mohammad Ansari
17:05 – 17:30	Panel Discussion

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Day Two – 22nd January 2016

TIME	PROGRAM
09:00 – 12:00	Module 3: Role of Sequencing in Diagnosis of Congenital Disorders Moderators: Hanan Hamamy, Moein Kanaan & Lihadh Al Gazali
09:00 – 09:45	Keynote Lecture V: From Genome Exploration to the Genome Clinic Stylios Antonarakis
09:45 – 10:05	KCNA4 Deficiency Leads To A Syndrome Of Abnormal Striatum, Congenital Cataract, And Intellectual Disability Mohammed Al-Owain
10:05 – 10:25	Exome Sequencing Reveals a Novel Gene Associated with Monogenic Form of Systemic Juvenile Idiopathic Arthritis Salma Majid
10:25 – 11:00	Coffee Break
11:00 – 11:20	Consanguinity and Genetic Disorders in Qatar Tawfeg Ben-Omran
11:20 – 11:50	Panel Discussion
12:00 – 14:00	Friday Prayers and Lunch
14:00 – 17:30	Module 4: Cancer Genomics Moderators: Moiz Bakheet & Lofti Chouhane
14:00 – 14:45	Keynote Lecture VI: The Rise and Fall of Genomics John Burn
14:45 – 15:05	Genetics of Breast and Colon Cancer in a Highly Consanguineous Population Challenges and Lessons Learned So Far Abeer Alsaegh
15:05 – 15:25	DNA Methylation Regulated Genes as Diagnostic Markers in Cervical Cancer Shama Prasada Kabekkodu
15:25 – 16:00	Coffee Break
16:00 – 16:20	Machine Learning to Fully Exploit Integrated Genomics and Clinical Data for Cancer Prognostic Systems Emad Elsebakhi
16:20 – 16:30	Panel Discussion
16:30 – 17:40	Closing Session