

GENOMICS IN THE ARAB WORLD: OPPORTUNITIES AND CHALLENGES

CONFERENCE AGENDA

DAY 1 | WEDNESDAY, 08TH DECEMBER, 2021

TIME	PROGRAM	PRESENTER
9:00 - 12:30	Opening, Keynote and Module I: Big Data Genomics in Arabs	
9:00 - 9:15	Opening Speech	Mahmoud Taleb Al-Ali
9:15 - 10:15	Keynote Lecture 1: Towards Genomic Medicine at Scale for Arab Populations	Khalid Fakhro
10:15 - 10:45	A Population-Specific Major Allele Reference Genome From The United Arab Emirates Population	Habiba Alsafar
10:45 - 11:15	From Population Genomics to Precision Medicine	Brian Meyer
11:15 - 11:45	Who Are We Really?	Rana Dajani
11:45 - 12:15	Sponsored Talk: Genomes for Genetic Disease Diagnosis	David Bentley
12:15 - 12:30	Panel discussion	
12:30 - 13:15	Poster Session A: Big Data Genomics & New Insights into Rare Diseases	
13:15 - 15:30	Module II: New Insights into Rare Diseases	
13:15 - 13:45	From gene discovery to treatment: the story of Charcot-Marie-Tooth disease type 4H	Valérie Delague
13:45 - 14:15	Whole Exome Sequencing Paving the Way for Rare Diseases Diagnosis in Arab Countries	Maryam Alshehhi
14:15 - 14:45	Unraveling the Genetic Complexities of Hearing Loss to Empower Precision Medicine	Hela Azaiez
14:45 - 15:15	Rare Diseases: Diagnostic and Therapeutic Journey of Undiagnosed Patients	Noura Aldhaferi
15:15 - 15:30	Panel discussion	
15:30 - 16:30	The expanding roles of Genetic Counselors in the Middle East and worldwide beyond patient counseling: an ever evolving scope of practice	Arab Association of Genetic Counselors

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DAY 2 | THURSDAY, 09TH DECEMBER, 2021

TIME	PROGRAM	PRESENTER
9:00 - 12:15	Keynote and Module III: Genomics and society	
9:00 - 10:00	Keynote Lecture 2: Rare Variants and the Genetics of Autism and Developmental Delay	Evan Eichler
10:00 - 10:30	Revamped CTGA Database: Systematic repository of disease, gene and variant bibliographic data from the Arab World	Sami Bizzari
10:30 - 11:00	Neuromuscular Disorders: Clinical and Genetic Databases	Alice Aleem
11:00 - 11:30	Review of the genetic counseling landscape in the Arab world and AAGC's new role	Mayya Sakr
11:30 - 12:00	Hereditary Cancer Clinic: A Geneticist's Perspective	Shakir Bahzad
12:00 - 12:15	Panel discussion	
12:15 - 13:00	Poster session B: Genomics and Society & Genomics of Infection and Immunology	
13:00 - 15:00	Module IV: Genomics of Infection and Immunology	
13:00 - 13:30	The Use of Bioinformatics and in silico Analysis followed by Biological in vivo Validation to Decipher the Molecular Mechanism of COVID-19 Infection	Rifat Hamoudi
13:30 - 14:00	Precision Medicine in Immune Dysregulation Diseases	Cybel Mehawej
14:00 - 14:30	Genetics of Pediatric Inborn Errors of Immunity	Abdulla Alangari
14:30 - 14:45	Panel discussion	
14:45 - 15:00	Closing remarks & awards	