

Day 1 Theme

Genes as Medicine: Delivering Promising Therapies to Patients Including Gene, Cell, and Protein Therapy

Time	Speaker	Lecture Title
07:30 AM - 08:30 AM	Registration and Attendance	
08:30 AM - 08:35 AM	Opening Remarks: Dr. Dana Bakheet	
08:35 AM - 08:45 AM	Welcoming Speech	
08:45 AM – 08:55 AM	Dr. Ahmed Alfares	Keynote Speech: Genomic Medicine Centre of Excellence: Vision and Achievements
08:55 AM - 09:40 AM	Prof. James M. Wilson	Keynote Speech: Genetic Medicine Platforms for Treatment of Rare Disease
09:40 AM - 10:15 AM	Prof. Jerry Vockley	Next Generation Therapies For Inborn Errors of Metabolism
10:15 AM - 10:50 AM	Prof. Simon Waddington	Gene therapy for an Inherited Childhood Parkinsonism - Dopamine Transporter Deficiency Syndrome
10:50 AM - 11:05 AM	Break and Poster Review	
11:05 AM - 11:40 AM	Dr. Abdulrazaq Al-Jazairi	Transforming Clinical Practice Through Clinical Trials: The Top Rate Destination
11:40 AM - 12:15 AM	Dr. Weam Fageera	Pathways to Progress: Streamlining Regulatory Approaches Amidst Gene Therapy Challenges
12:15 PM - 01:15 PM	Lunch Break and Poster Review	
01:15 PM - 02:15 PM	Panel Discussion: Dr. Abdulrazag Aljazairi (Clinical Pharmacy Consultant, Cardiology, KFSH-RC), Dr. Sufana Almashhadi (Director of Innovation, SNIH), Dr. Moeen Alsayed (Consultant Clinical Geneticist, KFSH-RC), Dr. David Ledbetter (Consultant for Healthcare and Investor), Dr. Fowzan Alkuraya (Chief Medical and Genomics Officer, Lifera), Dr. Weam Fageera (SFDA)	
02:15 PM - 02:50 PM	Prof. Tawfeg Ben Omran	Opportunities and Challenges in Gene Therapy: Experience from Qatar
02:50 PM - 03:25 PM	Prof. Moeen Alsayed	Updates of Precision Therapeutics For Inborn Errors of Metabolism
03:25 PM - 04:00 PM	Prof. Majid Abdullah Alfadhel	Gene Therapy for Rare Diseases: Current Status, Challenges and Future Direction
End of Day 1		



Day 2 Theme
The Latest Advances in Common and Rare Diseases in Healthcare and Clinical Practice

Time	Speaker	Lecture Title
08:00 AM - 08:20 AM	Attendance/ Breakfast	
08:20 AM - 09:00 AM	Prof. Jerry Vockley	Keynote Speech: The Future of Screening for Genetic Disorders: Newborn Screening and Beyond
09:00 AM - 09:35 PM	Dr. Lama Alabdi	Arab Founder Variants: Contributions to Clinical Genomics and Precision Medicine
09:35 AM - 10:10 AM	Dr. Khalid Al-Thihli	Whole Exome Sequencing Uncovering Novel/Atypical Forms of Treatable Inborn Errors Fatty Acid Metabolism: a Clinic-Based Experience
10:10 AM - 10:45 AM	Dr. Monther Alhamdoosh	Drug Target Discovery and Validation with Bioinformatics: Opportunities at KFSHRC
10:45 AM - 11:00 AM	Break and Poster Review	
11:00 AM - 11:35 AM	Prof. James M. Wilson	Lessons Learned from First in Human Studies Using Gene Therapy Technologies
11:35 AM - 12:10 AM	Prof. Robert Taylor	How Do We Improve The Diagnosis of Mitochondrial Genetic Disease?
12:10 AM - 12:45 PM	Dr. Dana Marafi	How Genetic Testing Transformed the Practice of Child Neurology
12:45 PM - 01:45 PM	Lunch Break and Poster Review	
01:45 PM - 02:20 PM	Dr. Ahmad Abou Tayoun	Current State of Genomic Diagnostics: Challenges and Opportunities
02:20 PM - 03:00 PM	Joint talk: Dr. Mohammed Alowain Dr. Faiqah Imtiaz Ahmad Ms. Yara Alqahtani	The Nile Delta of Prevention: Prenatal Genomic Care in Highly Inbred Population
03:00 PM - 03:35 PM	Dr. Tarif Awad	Beyond Genomics: How Proteomics is Transforming Precision Medicine
03:35 PM - 03:50 PM	Break and Poster Review	
03:50 PM - 04:25 PM	Oral Presentations	
04:25 PM – 05:00 PM	Announcing Winners / Closing Remarks	
End of Day 2		