

Time	Speaker	Subject/Topic
<b>Day 1</b>		
07:30-08:10		Registration and Attendance
08:10-08:30		Welcoming Speech
<b>08:30-09:20</b>	<b>Dr. Emmanouil Dermitzakis</b>	<b>Opening Keynote Talk</b>
<b>09:30-10:20</b>	<b>Dr. David S. Wishart</b>	<b>Keynote Talk "AI: Innovation in Metabolomics"</b>
10:30-10:50		Coffee Break and Poster Review
<b>Theme 1: AI Applications in Healthcare</b>		
11:00-11:25	Dr. Ahmad Abusalah	Applied AI & Digital Innovation in Healthcare: Successes & Lessons Learned
11:30-11:55	Prof. Fowzan Alkuraya	The Edge of Knowing: Teaching AI Through Aberration in Clinical Genomics
12:00-12:25	Dr. Areej Al-Wabil	Machine Learning in Computational Genomics and Bioinformatics
12:30-13:55		Lunch Break and Poster Review
<b>Theme 2: Decoding Life's Blueprint: Multiomics &amp; AI in Drug Discovery (AI &amp; Multiomics in Precision Medicine &amp; Drug Discovery)</b>		
14:00-14:25	Dr. Basel Abu-Jamous	Precise Drug Target Identification by Mapping the Full Regulatory Genome in Disease with AI & Multiomics
14:30-14:55	Dr. Touati Bin Benoukraf	Learning Genomic Structure with NanoVar's Deep Model for Structural Variant Calling
15:00-15:25	Dr. Wail Baalawi	Next-Gen Therapeutics: The Convergence of AI, Omics, and Precision Medicine
<b>Theme 3: Swimming in Data Streams: AI's Lifeline solutions for Big Data Challenges</b>		
15:30-15:55	Dr. Tudor Groza	Taming the Data Deluge: National-Scale AI for Unlocking Healthcare Insights
16:00-16:25	Dr. Ersen Kavak	How to Combine Genomics, Deep Phenotyping, and AI to Diagnose Patients with Rare Diseases
16:30-16:55	Dr. Imed Gallouzi	Smart Health Technology and Approaches: From Innovation to Impact
End of Day 1		

Day 2		
8:00-08:20	Attendance	
08:30-09:50	<b>Discussion Panel:</b> <b>Dr. Abdulaziz AlHomod, Dr. Majd Abdulghani, Dr. Monther Alhamdoosh, Dr. Mylynda Massart and Dr. Khuloud Khateeb</b>	
<b>Theme 4: Connecting the Dots: How AI &amp; Multiomics Are Unraveling Disease Mechanisms (AI-Driven Multiomics in Disease Diagnosis)</b>		
10:00-10:25	Dr. Younes Mokrab	Leveraging Complete Genomics in Middle Eastern Populations for Disease and Population Studies
10:30-10:55	Dr. Touati Bin Benoukraf	Integrating Methylomes and Regulomes for Precision Genomics
11:00-11:25	Dr. Tudor Groza	A Rare Disease Patient Journey Through the Lens of AI
11:30-11:50	Dr. Roy Peake	Metabolomics and AI in the Identification of Rare Disease – Quo Vadis?
12:00-13:25	Lunch Break and Poster Review	
<b>Theme 5: Omics in Action: AI-Accelerated Breakthroughs for Patient Care (Applications)</b>		
13:30-13:55	Dr. Monther Alhamdoosh	Beyond the Buzzwords: Real-world Applications of Multi-omics and AI in Genomic Medicine
14:00-14:25	Dr. Azza Althagafi	Enhancing Clinical Diagnosis Through Knowledge-Guided AI Methods for Prioritizing Disease-Causing Genomic Variants
15:00-15:25	Dr. Maryam Alhashem	Radiogenomics in Renal Cancer: Are We There Yet?
15:30-15:50	Dr. Kim Watanabe	Bridging Bench and Bedside: Ethical AI and Genomics in Cell and Gene Therapies
16:00-16:20	Coffee Break and Poster Review	
16:30-16:50	Oral Presentations	
16:50- 17:00	Abstract Review for Three Winners	
End of Day 2		