Time	Speaker	Subject/Topic
Day 1		
07:30-08:10	Registration and Attendance	
08:10-08:30	Welcoming Speech	
08:30-09:20	**Dr. Emmanouil Dermitzakis**	**Opening Keynote Talk**
09:30-10:20	**Dr. David S. Wishart**	**Keynote Talk "AI: Innovation in Metabolomics"**
10:30-10:50	Coffee Break and Poster Review	
Theme 1: AI Applications in Healthcare		
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	
Theme 2: Decoding Life's Blueprint: Multiomics & AI in Drug Discovery (AI & Multiomics in Precision Medicine & Drug Discovery)		
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
Theme 3: Swimming in Data Streams: AI's Lifeline solutions for Big Data Challenges		
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	Prof. Mohamed Abouelhoda	The Big Data in the Context of Genomic Medicine
End of Day 1		

Day 2		
8:00-08:20	Attendance	
08:30-09:50	**Discussion Panel:** **Dr. Abdulaziz AlHomod, Dr. Majd Abdulghani, Dr. Monther Alhamdoosh, and Dr. Mylynda Massart**	
Theme 4: Connecting the Dots: How AI & Multiomics Are Unraveling Disease Mechanisms (AI-Driven Multiomics in Disease Diagnosis)		
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	
Theme 5: Omics in Action: AI-Accelerated Breakthroughs for Patient Care (Applications)		
13:30-13:55	Dr. Monther Alhamdoosh	Beyond the **B**uzzwords: 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
14:30-14:55	Dr. Maryam Alhashem	Radiogenomics in Renal Cancer: Are We There Yet?
15:00-15:25	Dr. Kim Watanabe	Bridging Bench and Bedside: Ethical AI and Genomics in Cell and Gene Therapies
15:30-15:55	Coffee Break and Poster Review	
16:00-16:30	Oral Presentations	
16:30- 16:45	Abstract Review for Three Winners	
End of Day 2		