



START	END	ACTIVITY	SPEAKER
<b>WELCOME COFFEE and TEA</b>			
<b>Opening Ceremony</b>			
10:00	10:10	Welcome Remarks	<b>Mr. Justin McGowan</b> Expo 2020 Dubai Commissioner General for Australia
10:10	10:20	Welcome Message from the UAE University	<b>H.E Ian Halliday</b> Australian Consul-General
10:20	10:35	Conference Opening	<b>H.E. Zaki Anwar Nusseibeh</b> Chancellor, UAE University, The Cultural Advisor to the President of the UAE
10:20	10:35	Conference Opening	<b>Prof. Fatma Al Jasmi</b> Chair, Department of Genetics and Genomics, College of Medicine and Health Sciences, UAE University, UAE
<b>Session 1 Technology &amp; Engineering</b>   <b>Dr. Saaed Al Turki</b> - Visiting Faculty, Department of Genetics and Genomics, College of Medicine and Health Sciences, UAE University, UAE			
<b>MODERATORS</b>   <b>Prof. Mohd Saberi Mohamad</b> - Professor, Department of Genetics and Genomics, College of Medicine and Health Sciences, UAE University, UAE			
10:35	11:05	Deep NGS for the Next Generation Sequencing: An Exciting Challenge	<b>Prof. Juan Manuel Corchado</b> Full Professor at the University of Salamanca President of the Air Institute Visiting Professor at the Osaka Institute of Technology, Visiting Professor at the Universiti Malaysia Kelantan Director BISITE - Bioinformatics Intelligent Systems and Educational Technology Research Group, Spain
11:05	11:35	Using Multi-Omics and Artificial Intelligence in Precision Medicine	<b>Prof. Charalambos Antoniades</b> BHF Chair of Cardiovascular Medicine University of Oxford Director, Acute Vascular Imaging Centre Deputy Head, Division of Cardiovascular Medicine University of Oxford Consultant Cardiologist Oxford University Hospitals NHS Foundation Trust Chair, British Atherosclerosis Society, UK
11:35	12:00	Artificial Intelligence Technology Enabling the Future of Healthcare	<b>Dr. David Hansen</b> CEO and Research Director, Australian e-Health, Research Centre, CSIRO Member, National Committee for the NHMRC, Australian Genomics Health Alliance, Australia
12:00	12:25	One Brain, Many Genomes: Somatic Mutation and Genomic Diversity in Human Brain	<b>Prof. Christopher Walsh</b> Investigator, Howard Hughes Medical Institute, Chief, Division of Genetics and Genomics, Boston Children's Hospital Bullard Professor of Pediatrics and Neurology, Harvard Medical School
12:25	13:55	<b>Lunch Break</b>	
<b>Session 2 Prevention</b>   <b>MODERATOR</b>   <b>Prof. Bassam Ali</b> - Professor, Department of Genetics and Genomics, College of Medicine and Health Sciences, UAE University, UAE			
13:55	14:20	Mackenzie's Mission : The Australian Reproductive Carrier Screening Project	<b>Prof. Nigel Laing</b> NH&MRC Principal Research Fellow Group Leader Neurogenetic Diseases Group Centre for Medical Research University of Western Australia Harry Perkins Institute of Medical Research, QEII Medical Centre, Australia
<b>Session 3 Diagnostic</b>   <b>MODERATOR</b>   <b>Dr. Hiba AlBlooshi</b> - Assistant Professor, Department of Genetics and Genomics, College of Medicine and Health Sciences, UAE University, UAE			
14:20	14:45	Mendelian Hunt Gone Awry	<b>Prof. Fowzan S Alkuraya</b> Professor of Human Genetics, Principal Clinical Scientist and Senior Consultant Chairman, Translational Genomics (Center for Genomic Medicine), King Faisal Specialist Hospital and Research Center, KSA
14:45	15:10	How Bioinformatics improves Diagnostics of Genetics and Rare Diseases	<b>Dr. Denis Bauer</b> Group Leader, Principal Research Scientist, CSIRO, Honorary Associate Professor, Faculty of Science & Engineering and Faculty of Medicine and Health, Science, Macquarie University, Australia
<b>Session 4 Treatment</b>   <b>MODERATOR</b>   <b>Dr. Nadia Akawi</b> - Assistant Professor, Department of Genetics and Genomics, College of Medicine and Health Sciences, UAE University, UAE			
15:10	15:40	Personalized Medicine : The Medicine of Tomorrow, Today!	<b>Prof. George Patrinos</b> Professor, Department of Pharmacy, School of Health Sciences, University of Patras, Greece Adjunct Full Professor, Department of Pathology, College of Medicine and Health Sciences, United Arab Emirates University, UAE, Full Member and National Representative, CHMP-Pharmacogenomics Working Party, European Medicines Agency, Amsterdam, NL. Editor-in-Chief, The Pharmacogenomics Journal (Nature), Greece
15:40	16:10	New Treatment for Genetic Diseases	<b>Dr. Moeen AlSayed</b> Consultant, Clinical Genetics and Clinical Biochemical Genetics, Department of Medical Genetics, King Faisal Specialty Hospital and Research Center, Director of Genetic Counselling Al Faisal University, KSA
16:10	16:40	<b>Coffee Break</b>	
16:40	17:05	Developing Therapies for Incurable Diseases	<b>Dr. Paul Gissen</b> Professor, Pediatric Metabolic Medicine Head, Genetics and Genomic Medicine Research and Education Department, Great Ormond Street Institute of Child Health, Lead for "Gene and Stem Cell Therapies" Theme, GOSH/ICH Biomedical Research Centre, Honorary Consultant, Pediatric Metabolic Medicine Great Ormond Street Hospital for Children, UK
<b>Industry Supported Symposiums</b>			
17:05	17:35	Gene Therapy and the Future of AADC Deficiency Innovative Treatment	<b>Dr. Amal Al Hashim</b> Consultant Clinical Genetics, Head of Division Medical Genetics, Paediatric Department, Prince Sultan Military Medical City, Riyadh, KSA
17:35	18:05	Management of Gaucher Disease	<b>Dr. Khalid Al-Thihli</b> Senior Consultant Clinical & Biochemical Geneticist, Genetic and Developmental Medicine Clinic Sultan Qaboos University Hospital, Sultanate of Oman
18:05	18:30	<b>Coffee Break / Industry Supported Symposiums</b>	
18:30	19:00	Introduction to ASMD	TBC
19:00	19:30		<b>Prof. Patrick Merel</b> PhD in PhD in Molecular Biology
19:30	19:35	<b>Closing Remarks</b>	<b>End of the Conference</b>