

Time	Monday, April 8, 2024			
09:00 – 10:45	[Main Hall] Educational workshop 1 “Knowledge and Skills for Multi-disciplinary Genomic Healthcare”	[Room 2] Educational workshop 2 "Variant Interpretation / Variant Curation" - Andreas Laner	[Room 3] Educational workshop 3 "All about Tools (OMIM, ClinGen, GA4GH, Biobank tools, Phenopackets)” - Ada Hamosh, Erin Riggs	[Room 4] Educational workshop 4 "Pangenomes Workshop" - Karen Miga
10:45 – 11:15	Coffee Break & Exhibition			
11:15 – 12:30	Workshop 1 Continued	Workshop 2 Continued	Workshop 3 Continued	Workshop 4 Continued
12:30 – 13:30	Break			
13:30 – 14:00	[Main Hall] Corporate symposium 1		[Room 2] Corporate symposium 2	
14:00 – 14:10	Opening by Ada Hamosh, Giuseppe Novelli, Juergen Reichardt			
14:10 – 14:45	[Main Hall] Plenary Mike Snyder, Stanford University, US			
15:00 – 16:15	[Main Hall] Symposium 1 - Precision Health Francesca Forzano, NHS, UK		[Room 2] Symposium 2 - Reproductive Genetics Diana Bianchi, NIH, US “The NIH IDENTIFY study: A prospective evaluation of pregnant	



	Marc Sultan, Roche, Switzerland <i>"Applications of genomics technologies in early drug development at Roche"</i>	<i>women with prenatal cfDNA sequencing results that suggest maternal malignancy"</i> Liborio Stuppia, University of Chieti-Pescara, Italy
16:15 – 17:15	Poster session & Exhibition & Coffee Break	
17:30 – 18:30	[Main Hall] Introduction to HUGO & HUGO Committee Activities & Representatives from other organizations - Walter Bodmer: HUGO Past, Present, and Future - HUGO Committees Introduction	
18:30 –	[Main Hall] Welcome Reception	


Time	Tuesday, April 9, 2024	
9:00 – 10:15	[Main Hall] Symposium 3 - Gene Therapy Alessandro Aiuti, San Raffaele Telethon Institute for Gene Therapy, Italy Luigi Naldini, Vita-Salute San Raffaele University, Italy	[Room 2] Symposium 4 - Non-coding RNA genes Roderic Guigo, CRG, Spain <i>"GENCODE: Uncovering and cataloging the transcriptional complexity of the human and mouse genomes"</i> Tim Coorens, Broad Institute, US
10:15 – 10:45	Coffee Break	
10:45 – 11:00	[Main Hall] Special Session GA4GH Introduction by Peter Goodhand	

11:00 – 11:20	[Main Hall] Special Session HUGO Education Committee Introduction by Dhavendra Kumar	
11:30 – 12:45	[Main Hall] Symposium 5 - Genetics of Complex Diseases Nicole Soranzo, Human Technopole, Italy Naomi Wray, University of Queensland, Australia <i>"Genetics of psychiatric vs gastrointestinal disorders"</i>	[Room 2] Symposium 6 - Rare Diseases Steven Laurie, CRG, Spain <i>"Solve-RD, Pan-European co-operation elevates the diagnostic rate in the most challenging rare disease cases"</i> William Gahl, NIH, US <i>"Rare and undiagnosed diseases: Discoveries and Insights from the NIH undiagnosed diseases program"</i>
12:45 – 14:00	Lunch	
14:00 – 14:30	[Main Hall] After-lunch corporate symposium 3	[Room 2] After-lunch corporate symposium 4
14:45 – 16:00	[Main Hall] Symposium 7 - Computational Biology & AI Alistair Forrest, University of Western Australia, Australia <i>"Spatial transcriptomics reveals discrete tumour microenvironments and autocrine loops within ovarian cancer subclones"</i> Susanna Zucca, enGenome, Italy <i>"Advancing genomic variant interpretation with artificial intelligence"</i>	[Room 2] Symposium 8 - Genetics of Infectious Diseases Jean Laurent Casanova, The Rockefeller University, US <i>"Human genetic and immunological determinants of infectious diseases"</i> Christian Happi, Redeemer's University, Nigeria
16:00 – 17:00	Poster session & Exhibition & Coffee Break	
17:00 – 18:15	[Main Hall] Symposium 9 - Cancer Genomics Serena Nik-Zainal, University of Cambridge, UK	[Room 2] Symposium 10 - Single-cell Genomics / Spatial Genomics Kerstin Meyer, Wellcome Sanger Institute, UK



	<p><i>"Whole cancer genomes: Insights and updates"</i> John Burn, NHS, UK</p> <p><i>"Lynch syndrome: A common rare disease, hiding in plain sight, the UK experience"</i></p>	<p>Efrat Shema, Weizmann Institute of Science, Israel</p> <p><i>"Decoding the epigenome for cancer research and diagnostics"</i></p>
20:15 –	<p>[Terrazza Caffarelli] Gala Dinner</p>	

Time	Wednesday, April 10, 2024
9:00 – 09:50	<p>[Main Hall]</p> <p>Opening by Director of Sapienza University of Rome/Ministry of Health</p>
9:50 – 10:20	<p>[Main Hall]</p> <p>HUGO African Prize</p> <p>Leon Mutesa, University of Rwanda, Rwanda</p> <p><i>"Intergenerational and epigenetic effects of trauma and PTSD"</i></p>
10:20 – 10:50	Coffee Break
10:50 – 12:00	<p>[Main Hall]</p> <p>HUGO Chen Awards</p> <p>Chen Award for Distinguished Academic Achievement in Human Genetic and Genomic Research : Peter Visscher, University of Queensland, Australia <i>"Height as a model trait in human complex trait genetics"</i></p> <p>Chen Award of Excellence : Zornitza Stark, University of Melbourne, Australia <i>"Accelerating rare disease diagnosis"</i></p>
12:00 – 13:00	Lunch

13:00 – 13:30	[Main Hall] After-lunch corporate symposium 5	[Room 2] After-lunch corporate symposium 6
13:45 – 15:00	[Main Hall] Symposium 11 - Transgenerational Inheritance / Epigenetics Jill Fahrner, Johns Hopkins University, US <i>"Mendelian disorders of the epigenetic machinery and the use of DNA methylation profiling in diagnosis and discovery"</i> Simona Giunta, Sapienza University of Rome, Italy <i>"Complete diploid isogenomic reference human genomes for epigenetic precision"</i>	[Room 2] Symposium 12 - Challenges in Assessing Pathogenicity of Variants Alan Rubin, University of Melbourne, Australia <i>"Enabling clinical translation of high-throughput mutagenesis Data with MaveDB"</i> Doug Speed, Aarhus University, Denmark <i>"Computational tools to improve our understanding of the biological basis of complex traits"</i> Melissa Cline, UCSC, US <i>"Engaging researchers with patients"</i>
15:00 – 16:00	Poster session & Exhibition & Coffee Break	
16:00 – 17:15	[Main Hall] Symposium 13 - Pangenomes and Genomic Diversity Karen Miga, UCSC, US Charles Lee, The Jackson Laboratory, US	[Room 2] Symposium 14 - Microbiome and Metagenomics Mireia Valles-Colomer, University of Trento, Italy <i>"The microbiome and health: Focusing on interpersonal transmission"</i> Serena Sanna, Institute for Genetic and Biomedical Research, Italy
17:15 –	[Main Hall] Poster Prize Introduction to HGM2025 in Durban, South Africa  Closing	