

Time	Thursday, 4 May 2023 "Education Day"			
08:00 - 09:00	Registration			
09:00 - 09:20	Opening			
09:20 - 13:00	Workshop 1 "Variant Interpretation"	Workshop 2 "Exome Analysis"	Workshop 3 "Analysis of RNA Sequencing"	Workshop 4 "Data Sharing, clinical issues"
	Andreas Laner	Nara Sobreira Joselito Sobreira Eduardo Perone Michele Migliavaca	Steve Munger Benilton Carvalho	Alejandra Mampel Leandro Gutierrez Rocio Ortiz-Lopez
10:45 - 11:15	Coffee Break & Exhibition			
13:00 - 14:00	Lunch			
14:00 - 18:00	Workshop 5 "Genetic Counseling"	Workshop 6 "All about Tools"	Workshop 7 "Data Sharing, technical issues"	
	Zilfalil Bin Alwi Annie Hasan Sonia Margarit	Browser tool UCSC by Robert Kuhn OMIM by Ada Hamosh ClinGen	LOVD by Ivo Fokkema GA4GH GeneMatcher and VariantMatcher by Nara Sobreira	
15:15 - 15:45	Coffee Break & Exhibition			

Time	Friday, 5 May 2023	
08:00 - 09:00	Registration	
09:00 - 09:15	Opening	
09:20 - 10:00	Young Investigators Plenary 1 Simoni H Avansini, Universidade Estadual de Campinas (UNICAMP), Brazil “Stem cell-based organoid models of neurodevelopmental disorders”	
10:00 – 10:30	Coffee Break & Exhibition	
10:30 - 12:00	Symposium 1 – New Genomic Methods & Analysis Nara Sobreira, Johns Hopkins University, US Winston Timp, Johns Hopkins University, US Joao Bosco, Hospital Albert Einstein, Brazil “The Brazilian Rare Genomes Project: bringing the power of genomics to the public health service”	Symposium 2 – Indigenous Population Andre Mauricio Ribeiro dos Santos, New York University, US Lucia Spangenberg, Institut Pasteur, Uruguay Andres Moreno-Estrada, Langebio, Mexico
12:00 - 13:00	Lunch	
13:00 - 14:30	Symposium 3 Pangenomes Project – Multiple Reference Genome Karen Miga, UCSC, US Adam Phillippy, NIH, US	Symposium 4 – HUGO Committees Activities Dhavendra Kumar, Education Committee Yann Joly – Ethics Committee Ivo Fokkema – Gene/Disease Database Committee Johan Dunnen – HVNC Juergen Reichardt – HUGO Forum
14:30 – 15:30	Poster Walk & Coffee Break & Exhibition	

15:30 – 16:10	<p>Young Investigators Plenary 2</p> <p>Diogo FT Veiga, Universidade Estadual de Campinas (UNICAMP), Brazil “Integrated single-cell epigenomics and transcriptomics of the childhood brain”</p>
16:10 – 16:50	<p>Young Investigators Plenary 3</p> <p>Ursula Matte, Hospital de Clínicas de Porto Alegre (HCPA), Brazil</p>
17:00 – 18:30	<p>Plenary Roundtable: ELSI Chair: Fabiana Arzuaga</p> <p>Iscia Lopes-Cendes, University of Campinas, Brazil Yann Joly, McGill University, Canada</p>

Time	Saturday, 6 May 2023	
08:00 - 09:00	Registration	
09:00 - 09:05	Opening	
09:15 - 10:00	Opening Plenary	
10:00 – 10:30	Coffee Break & Exhibition	
10:30 - 12:00	<p>Symposium 5 - Societal/patients’ perspectives</p> <p>Susana Ciruzzi, University of Buenos Aires, Argentina</p>	<p>Symposium 6 - The impact of genetic variability in genomic medicine</p> <p>Luca Pinello, Harvard University, US “Human genetic diversity alters off-target outcomes of therapeutic gene editing”</p>

		<p>Andrea Ribeiro dos Santos, Federal University of Pará, Brazil</p> <p>Ricardo Verdugo, Universidad de Chile, Chile</p>
12:00 - 13:00	Lunch	
13:00 - 14:30	<p>Symposium 7 - Building a rare and undiagnosed diseases program with limited genomic resources</p> <p>Gabriela Repetto, Universidad del Desarrollo, Chile</p> <p>Michele Migliavacca, DASA, Brazil</p> <p>Juan Llerena, FIOCRUZ, Brazil</p>	<p>Symposium 8 - Implementation of genomics in LMIC</p> <p>Lavinia Schuler-Faccini, Universidade Federal do Rio Grande do Sul, Brazil</p> <p>Project Genoma Brasil, Brazil</p>
14:30 - 15:30	Poster Walk & Coffee Break & Exhibition	
15:30 - 16:50	<p>HUGO Awards</p> <p>Chair: Charles Lee, The Jackson Laboratory, US</p> <p>Chen Awards (3 pax)</p> <p>HUGO African Prize (1 pax)</p>	
16:50 - 17:20	<p>Closing Plenary</p> <p>“Future of HUGO”</p> <p>Ada Hamosh, President of HUGO</p>	