



15th European Cytogenomic Conference

June 29 - July 1, 2025

Sunday June 29

Morning	Hands-on workshops	
	R. Kuhn	Workshop on the use of online resources to annotate/map clinical CNVs
	Illumina	Title TBA
14:00-17:50	Permanent Working Groups	
18:00-19:00	Opening lecture E. Eichler: Complete chromosomes and complex genomes	

Monday June 30

8:30-10:15	Plenary session 1 - Structural variation in development and disease/or health and disease	
8:30-9:00	A.Reymond	The pleiotropic spectrum of proximal 16p11.2 CNVs
9:00-9:30	D.Porubsky	Structural variation of 22q11.2 region in normal and diseased human population
9:30-10:00	T.Marschall	Mapping structural variation in the pangenome
10:00-10:15	Selected abstracts	
Coffee break		
10:45-12:00	Plenary session 2 - Complexity of cancer genomes	
10:45-11:15	J.Demeulemeester	Multimic long-read sequencing to improve diagnosis and care of genomically complex sarcomas
11:15-11:45	S.Santaguida	Mechanistic insights into the consequences of chromosome segregation errors on cell physiology
11:45-12:00	Selected abstracts	
Poster session		
14:30-15:45	Concurrent Session 1 - Meiosis and Mitosis	
14:30-15:00	M.De Ruijter-Villani	Meiosis/mitosis transition
15:00-15:30	C.Villarroya-Beltri	Mosaic variegated aneuploidy in development, ageing and cancer
14:30-15:45	Concurrent Session 2 - Automation and AI in Clinical Genetics	
14:30-15:00	C.Haferlach	Application of AI in hematological diagnostics
15:00-15:30	R.Kuhn	Online resources at UCSC
Coffee break		
15:45-17:30	Plenary Session 3 - Clinical Cytogenomics	
15:45-16:15	T.Bourgeron	Contribution of the SV/SNV in the genetic architecture of autism and beyond
16:15-16:45	J.Eisfeldt	Long read genome sequencing in clinical cytogenomics
16:45-17:15	A.Cioffi	DNA methylation profiling as a diagnostic tool
17:15-17:30	Selected abstracts	
17:30-18:30	Poster session	

Tuesday July 1

8:30-10:30	Plenary Session 4 - Animal, Plant and Comparative Cytogenomics	
8:30-9:00	A.Ruiz-Herrera	Evolution and function of 3D chromatin folding
9:00-9:30	J.Sardos	Diversity and diversification in banana: how in silico chromosome painting opens new perspectives for the conservation and use of an iconic fruit
9:30-10:00	P.Heslop-Harrison	What cytogenomics has done, and is doing, for agriculture in our world
10:00-10:30	Selected abstracts	
Coffee break		
11:00-12:15	Concurrent Session 3 - Nuclear organisation and disease	
11:00-11:30	M.Mensah	Nucleolar dysfunction in rare genetic diseases
11:30-12:00	C.Cardoso	Epigenetic reprogramming and disease
12:00-12:15	Selected abstracts	
11:00-12:15	Concurrent Session 4 - Clonal correction of constitutional chromosome imbalances	
11:00-11:30	D.Van Opstal	Confined placental mosaicism
11:30-12:00	A.Brusco	Somatic recombination and the removal of the structural variant: any phenotypic outcome?
12:00-12:15	Selected abstracts	
Poster session		
14:00 - 15:45	Concurrent Session 5 - Accreditation and workshop on ISCN	
14:00 - 14:30	K.Miller	ISO15189 and cytogenetic laboratories
14:30-15:45	J.-M. Dupont	Workshop on ISCN 2024
14:00 - 15:45	Concurrent Session 6 - Applied Cytogenotoxicity	
14:00 - 14:30	A.Hernandez Bonilla	Genotoxicity and carcinogenicity of long-term micro- & nanoplastics exposure: current understanding and future directions
14:30-15:45	TBA	
17:15-17:30	Selected abstracts	
Coffee break		
16:15-17:30	Plenary Session 5 - Prenatal Diagnosis and Preimplantation	
16:15-16:45	A.Handyside	PGT, with a focus on aneuploidies
16:45-17:15	N.Janel	Prenatal treatment of chromosomal anomalies
17:15-17:30	Selected abstracts	
17:30-18:30	Closing keynote J.Vermeesch: Cytogenomics: Where we are and where we are heading	
18:30:00	Closing ceremony	