

DAY 1 - Thursday 9th of October 2025

8:00-13:00	W.01	Workshop: Interpretation of NGS data	A. Maver	
9:00-12:00	W.02	Workshop: ISO 15189 for Dummies	M. Čížek Sajko	
13:00		Lunch break		
14:00-15:40	P1	Welcome address and plenary lectures		
	W.01.P	Using genomic medicine to make drug prescription safer and more effective	B. Newman	United Kingdom
	W.02.P	Advances in Rare Disease Genetics (TBA)	M. Maček	Czech republic
15:40-16:50	S1	Session 1: Advances in rare disease diagnostics		
	S1.01.I	Long-read sequencing for rare disease research and diagnostics	B. Van der Sanden	Netherlands
	S1.02.I	ONT Sequencing	S. Ossowski	Germany
	S1.03.I	Structural variants in rare-disease	A. Kovanda	Slovenia
	S1.04.O	Rapid Intraoperative Classification of Central Nervous System Tumours Using Real-Time Nanopore Sequencing	S. Petrin	Slovenia
	S1.05.O	The contribution of reanalysis of whole exome sequencing data to diagnosis rate	H. Bas	Turkey
16:50-17:20		Coffee break		
17:20-18:50	S2	Session 2: What is new in Mendelian disorders		
	S2.01.P	Beyond Chromosomes: The Monogenic Causes of Early Pregnancy Loss	D. Plaseska-Karanfilska	North Macedonia
	S2.02.I	Chromatin remodeling disorders - challenging path to diagnosis and management	L. Odak	Croatia
	S2.03.O	Reporting Beyond the Primary Diagnosis: Actionable Additional Findings in WES/WGS	B. Golob	Slovenia
	S2.05.O	3D Facial Gestalt Analysis of Individuals with Mutated PKD1 Genes in Polycystic Kidney Disease Patients	M. Mihulová	Czech Republic
	S2.06.O	Uncovering Dual Diagnoses through Trio-Based Whole Exome Sequencing (WES): Incidence and Clinical Implications	F. Perino	Italy
	S2.07.O	Resolving diagnostic challenges in skeletal dysplasia – a clinical overview of a ten years' experience of a single genetic center in Serbia	M. Mijović	Serbia
18:50-20:00	S2.08.O	Genetic basis of female protective effect in neurodevelopmental disorders and beyond	D. Perović	Serbia
	S3	Genetic Medicine in Balkan countries: Challenges and solutions		
	S3.01.I	Balkan Journal of Human Genetics: Gateway to publishing quality research	D. Plaseska-Karanfilska	North Macedonia
	S3.02.O	The importance of European Reference Network in rare disease diagnosis and management: Slovenia's experience	I. Babič Božović	Slovenia
	S3.03.I	Competences of health professionals in genomic counselling	N. Kregar Velikonja,	Slovenia
	S3.04.P	Maturity level of National Genomic Systems	B. Peterlin	Slovenia
20:00	S3-R	Roundtable: Public Health Genomics, Maturity level of National Genomic Systems.		
		Wellcome drink and get together		

DAY 2 - Friday 10th of October 2025 - Morning

08:00-09:30	S4	Genetics of neurologic and neurodevelopmental disorders		
	S4.01.P	The contribution of genomic diagnostics to the elucidation of neurodevelopmental disorders	O.Miljanović	Montenegro
	S4.02.O	The FMR1 Premutation in Patients with Late-Onset Movement Disorders and Family Members of Fragile X Syndrome Patients: A Diagnostic Opportunity	M. Pesić	Serbia
	S4.03.O	Routine molecular genetic testing of GAA-FGF14-Related Ataxia and RFC1 CANVAS Spectrum Disorder	H. Jaklič	Slovenia
	S4.04.O	Monogenic Causes of Early-Onset Dementia: Evidence from Whole Exome Sequencing	E. Shukarova Stefanovska	North Macedonia
	S4.05.O	Expansion and contraction of CGG repeats in FMR1 gene within one family	B. Pejović	Serbia
	S4.06.O	ERBB4 exonic deletions in patients with intellectual disability and speech developmental delay	M. Rasić	Serbia
09:10	S4.06.S	How to Combine Genomics, Deep Phenotyping, and AI to Diagnose Patients with Rare Diseases		Genomize
09:30-10:30	P1	Concurrent Poster viewing session - Cancer	P001-P010	(with coffee break)
	P2	Concurrent Poster viewing session - Regional healthcare	P011-P016	
10:30-11:50	S5	Advances in cancer diagnosis		
	S5.01.P	A New Era of AI and Whole Genome Sequencing (WGS) for Cancer Diagnosis and Treatment Strategies	D. Primorac	Croatia
	S5.02.O	Increased Identification of PARP Inhibitor-Eligible Patients in Epithelial Ovarian Cancer through HRD Testing at the Institute of Oncology Ljubljana	V. Stegel	Slovenia
	S5.03.O	Chaperone-Mediated Autophagy in Glioblastoma: A Multi-Omics Perspective	Ö. Yildirim	Turkey
	S5.04.O	Better diagnosis of liver cancer with the use of Xenium spatial transcriptomics	U. Prosenc Zrmzljak	Slovenia
	S5.05.O	Genes associated with higher mutational burden in tumors and improved response to checkpoint immunotherapy	G. Kungulovski	North Macedonia
	S5.06.O	Clinical verification of plasma cell immunoselection for FISH analysis in multiple myeloma	H. Podgornik	Slovenia
	S5.07.O	Computational Identification of Potential Therapeutic Agents Targeting the MUC16 Gene in Glioblastoma	R. Kalkan	Northern Cyprus, Turkey
12:00		Lunch break		

DAY 2 - Friday 10th of October 2025 - Afternoon				
13:00-14:30	S6	Concurrent session - Room A - Prenatal and preventive genomics		
	S6.01.P	Recurrent Pregnancy Loss and Genetics: Exploring the Genetic Factors Behind Pregnancy Complications	M. Xhetani	Albania
	S6.02.P	Enhancing Prenatal Diagnosis of Fetal Congenital Anomalies Through Next-Generation Sequencing	F. Burada	Romania
	S6.03.I	Prenatal Genomic Testing - Current position and future directions	L. Lovrečić	Slovenia
	S6.04.I	Foetal radiation risk. Role of geneticists in biodosimetry service and genetic counselling	J. Pajić	Serbia
	S6.05.O	Familial Cases Show Higher Prevalence of Rare Predicted Pathogenic Variants in 56 Novel Genes Associated with Spontaneous Preterm Birth	T.Mladenich	Croatia
	S6.06.O	Preliminary serum metabolomics analysis highlighting tryptophan pathway alterations in spontaneous preterm birth	S. Dević Pavlič	Croatia
13:00-14:30	S7	Concurrent session - Room B - Oncogenetics - the current state and challenges in the region		
	S7.01.P	Role of clinical and laboratory geneticists in precision cancer medicine	A. Patocs	Hungary
	S7.02.I	OncoOrigin: The Future of Precision Oncology through Integration of Machine Learning and Tumor Genomics for Identifying Primary Tumor Site	P. Brlek	Croatia
	S7.01.I	Challenging interpretation of germline variants in hereditary breast and ovarian cancer	H. Butz	Hungary
	S7.04.O	Spectrum of germline BRCA pathogenic variants in ovarian cancer patients from North Macedonia	S. Kiprijanovska	North Macedonia
	S7.05.O	Germline Screening for Hereditary Cancer Predisposition in the Bulgarian Population: Insights from 2024	N.Valcheva	Bulgaria
	S7.06.O	Exploring attitudes towards nutritional advice amongst individuals affected by Lynch Syndrome in the UK	I. Rennocks	United Kingdom
14:30-15:30	S7.07.O	Genetic Factors and Acute Kidney Injury: Influence on Cancer Treatment Strategies	M. Imeraj	Albania
	P03	Concurrent Poster viewing session – Case reports and Series	P017-P026	
	P04		P027-P036	
	P05		P037-P046	
15:30-16:30	S8	Screening and prevention programmes in the Balkan countries		
	S8.01.P	PGT and hereditary breast cancer - can and should we break the chain?	S. Hadjidekova	Bulgaria
	S8.02.P	Combating Rare Diseases - Preconception and newborn screening programs in Turkey	T. Bahsi	Turkey
	S8.03.O	Facing Uncertainty in Prenatal Screening: Personal and Social Resources for Psychological Resilience	J. Jakerlová	Czech republic
16:30-17:40		Discussion		
	S9	Advanced treatments for genetic disorders and cancer		
	S9.01.P	On the way to personalized tumor vaccines	D. Biskup	Germany
	S9.02.P	Drug repurposing for inherited disease	P.Gasparini	Italy
17:40	S9.03.O	The U-PGx project and PREPARE study in Slovenia: lessons learned on implementation of pharmacogenomics testing	V. Dolžan	Slovenia
	S9.04.S	PARPe Diem: Drawing Lessons from Experience to Shape Tomorrow		Astra Zeneca
18:10-19:10	S10-R	Roundtable: International genomic forum: Strategy for Future Genomic Medicine		
20:00		Conference dinner		

DAY 3 - Saturday 11th of October 2025				
8:00-9:50	S11	Genetics of complex diseases and functional genomics		
	S11.01.I	APOE, APP, and PSEN1 Mutation Screening in Alzheimer's Disease: A 15-Year Experience in Serbia	A. Marjanović	Serbia
	S11.02.I	Frequency of common variants predisposing to estrogen positive diseases in the Bulgarian population	O. Antonova	Bolgaria
	S11.03.I	Role of SIRT1 and SIRT3 Genetic Polymorphisms in the Risk of Acute Myocardial Infarction among Patients from the Republic of Srpska	V. Vidović	Bosna and Herzegovina
	S11.04.O	Genetic risk factors for anaphylaxis: Insights from somatic KIT p.D816V variant and Hereditary α -tryptasemia	M. Rijavec	Slovenija
	S11.05.O	Pediatric multiple sclerosis cases burdened with rare, predicted pathogenic variants in iron metabolism genes	A. Turk	Slovenia
	S11.06.O	Long-Read Sequencing in the Human Genome's Repetitive Landscape: Challenges and Clinical Opportunities	T. Tesovnik	Slovenia
	S11.07.O	Identifying patterns of differential methylation in multiple sclerosis by positional integration approach and their functional characterization	N. Mele	Slovenia
	S11.08.O	Connecting the Dots: Genetics, Diet, and Microbiome in Endometriosis (EM)	A. Santin	Italy
	S11.09.O	Severe Clinical Phenotype in Alport Syndrome Due to Two COL4A4 Exon Skipping Events	A. Zupan	Slovenia
10:00	S11.10.S	NGS solutions for Human genetics		Agilent
10:20-11:20	P06	Concurrent Poster viewing session – complex and functional genomics	P047-P056	
	P07	Concurrent Poster viewing session – diagnostics	P058-P067	
11:20-13:00	S12	Expanding the genotype-phenotype landscape of genetic disorders in the Balkans		
	S12.01.P	Write according to the rules, read between the lines	M. Djurišić	Serbia
	S12.02.O	Genetics of porphyria. Efforts to associate specific mutations with clinical manifestations	T.Todorov	Bulgaria
	S12.03.O	Expanding the Genotypic Spectrum of Epidermolysis Bullosa: A Case Series	E.H. Ceylan	Turkey
	S12.04.O	Genotype-Phenotype Correlation in TTN Gene Variants	M. B. Yilmaz	Turkey
	S12.05.O	Challenges and Rewards in Diagnosing Diamond-Blackfan Anaemia: A Case Series from Cooperating Regional Tertiary Care Centres	T. Pajič	Slovenija
	S12.06.O	Body mass index is an overlooked confounding factor in clustering studies of 3D facial scans of children with autism spectrum disorder	M. Schwarz	Czech republic
	S12.07.O	Genetic Basis of Familial Hypercholesterolemia in Serbia: Detection of a Frequently Observed Mild-Phenotype LDLR Variant	J. Komazec	Serbia
	S12.08.O	Hereditary Myopathies in 45 Turkish Patients: Genetic Spectrum and Diagnostic Outcomes	S. Demir	Turkey
	S12.09.O	Biomolecular characterization of hereditary transthyretin amyloidosis in Bulgaria	A. Todorova	Bulgaria
13:00-13:20		Closing sessions		
		Poster and presentation award winners announcement		
		Closing remarks and thanks		
13:20		Lunch break		
14:00-16:00	W.03	Workshop: Translational research on rare diseases		