

7th CROATIAN CONGRESS OF Human Genetics

Le Méridien Lav Hotel / Split
June 16, 2019

**SAVE
THE DATE**

PROGRAM



CROATIAN SOCIETY
OF HUMAN GENETICS



CROATIAN
SOCIETY
FOR
PRECISION
personalised
MEDICINE

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**Human
Genetics**



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4:00 p.m.- 4:05 p.m.	Opening remarks Dragan Primorac (ISABS &*)	
4:05 p.m.-4:20. p.m.	Morgan Donaldson (OneOme, Co-Founded by Mayo Clinic, Minneapolis, MN, United States)	New age pharmacogenomics: a machine learning approach to medication optimization
4:20 p.m.- 4:35 p.m	Vjekoslav Krželj (University Hospital Centre Split, Split, Croatia)	Systematic review of the clinical manifestations of glucose-6-phosphate dehydrogenase deficiency
4:35 p.m.- 4:50 p.m.	Saša Ostojić (Faculty of Medicine Rijeka, Rijeka, Croatia)	The research of personalised genomic approach to recurrent miscarriage and spontaneous preterm birth: our ten-year experience
4:50 p.m.-5:05 p.m.	Feodora Stipoljev (Clinical Hospital Sveti Duh, Zagreb, Croatia)	Placental model in prenatal diagnostics of genomic disorders
5:05 p.m.- 5:20 p.m.	Ivona Sansović (Children's Hospital Zagreb, Centre of Excellence for Reproductive and Regenerative Medicine, Zagreb, Croatia)	Next-generation sequencing in genetic analysis of syndromic and nonsyndromic hearing impairment
5:20 p.m.-5:35 p.m.	Darko Antičević (St. Catherine Specialty Hospital, Zagreb, Croatia)	Prolonged Bisphosphonate treatment and telescoping implants in OI. Are there synergy?
5:35 p.m.-5:50 p.m.	Srećko Gajović (University of Zagreb School of Medicine, Zagreb, Croatia)	Tlr2-deficiency is associated with neuronal repair after ischemic lesion in the mouse brain

* St. Catherine Specialty Hospital, Zabok, Croatia; Universities of Split, Osijek and Rijeka, Croatia; Children's Hospital Srebrnjak, Zagreb, Croatia; Eberly College of Science The Pennsylvania State University, University Park, State College, PA, USA; The Henry C. Lee College of Criminal Justice and Forensic Sciences, University of New Haven, West Haven, CT, USA; Regiomed Kliniken, Coburg, Germany



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5:50 p.m.-6:05 p.m. Free

6:05 p.m.-6:20 p.m.	Irena Drmić Hofman (University of Split School of Medicine, Split, Croatia)	Genomic medicine in clinical laboratory routine work: a single-centre experience
6:20 p.m.-6:35 p.m.	Jasenka Wagner Kostadinović (Faculty of Medicine, J. J. Strossmayer University in Osijek, Croatia)	Role of progesterone receptor gene variations in preterm birth
6:35 p.m.-6:50 p.m.	Radenka Kuzmanić Šamija (University Hospital Centre Split, Split, Croatia)	From clinics to gene therapy
6:50 p.m.-7:05 p.m.	Bernarda Lozić (University Hospital Centre Split, Split, Croatia)	Cytogenetics and molecular genetics of leukemia
7:05 p.m.-7:20 p.m.	Tamara Žigman (University Hospital Centre Zagreb, Zagreb, Croatia)	The impact of locus heterogeneity and contributory effect of variants in different steps of metabolic and signalling pathways on the phenotypic diversity of patients
7:20 p.m.-7:35 p.m.	Ljubica Boban (Children's Hospital Zagreb, Centre of Excellence for Reproductive and Regenerative Medicine, Zagreb, Croatia)	Chromosomal microarray in the diagnosis of autism spectrum disorder
7:35 p.m.-7:50 p.m.	Damir Marjanović (Institute for Anthropological Research, Zagreb, Croatia)	The future of forensic genetics
7:50 p.m.-8:05 p.m.	Marina Korolija (Forensic Science Centre "Ivan Vučetić", Zagreb, Croatia)	Massively parallel sequencing (MPS) technology in forensic genetics