

School of Medicine University of Mostar academic year 2024-2025
Department of Medical Genetics

Week I						
Day	Teaching time	Theme		Teaching type	Classroom	Professor
Monday, 4.11.2024.	14:00-15:30	Introduction to Medical Genetics		L1,2		Doc.dr.Šušak
	15:30-17:00	Functional genomics and proteomics		L3,4		Doc.dr.Šušak
	17:30-19:45	Chromosomes. Techniques of DNA analysis		S1,2		Martina Vukoja
Tuesday, 5. 11.2024.	14:00-15:30	Mutations and aberations		L5,6		Martina Vukoja
	15:30-17:45	Mitochondrial inheretance and human development		S3, S4		Martina Vukoja
	18:00-20:00	Introduction to Cytogenetics laboratory Primers construction for genetic testing Bioinformatics (databases search and OMIM)		E1,2,3		Martina Vukoja
Wednesday, 6. 11.2024.	14:00-15:30	Genomics and Human genom Project		L7,8		Doc.dr.Šušak
	15:30-17:00	Farmakogenetics		L9,10		Doc.dr.Šušak
	17:30-19:45	Carcinogenesis and frequent genetic factors		S5, 6		Maja Barbarić
Thursday, 7. 11.2024.	14:00-15:30	DNA analysis		L11,12		Doc.dr.Šušak
	15:30-17:00	RNA gens and RNAi		L13,14		Doc.dr.Šušak
	17:30-19:45	Genes and molecular mechanisms in background of human diseases		S7,8		Maja Barbarić
Friday, 8. 11.2024.	14:00-15:30	Mitochondrial inheretance and human development		L15,16		Maja Barbarić
	15:30-17:00	Epigenetics		L17,18		Doc.dr.Šušak
	17:30-19:45	Genetic background of congenital anomalies		S9,10		Maja Barbarić

		Week II			
Monday, 11. 11.2024.	14:00-15:30	Gene therapy. Genetic modified organisms (GMO)		L19,20	Una Glamočlija
	15:30-17:45	Ethics in genetics		S11,12	Una Glamočlija
	18:00-18:45	Relativity, probability, Bayes theorem		E4	Maja Barbarić
	18:45-19:30	Cloning, transgenic animals, gene therapy		E5	Martina Vukoja