

**School of Medicine University of Mostar academic year 2020-2021**

**Department of Medical Genetics**

**Head of Department: Prof. Katarina Vukojević, MD PhD**

**Vice-head of Department: Prof. Violeta Šoljić, MD PhD**

**Faculty:**

Prof. Katarina Vukojević (KV)

Prof. Violeta Šoljić (VŠ)

Prof. Una Glamočlija PhD (UG)

Maja Barbarić MD (MB)

Martina Vukoja mag. biol. (MV)

**exams:**

1. exam term 20.11.2020.

2. exam term 11.02.2021.

3. exam term 21.07.2021.

4. exam term 22.09.2021.

### **Units**

L1 (2h) – Introduction to Medical Genetics

L2 (2h) – Functional genomics and proteomics

L3 (2h) – Genomics and Human genom Project

L4 (2h) – Farmakogenetics

L5 (2h) – RNA gens and RNAi

L6 (2h) – Mutations and aberations

L7 (2h) – DNA analysis

L8 (2h) – Mitochondrial inheretance and human development

L9 (2h) – Gen therapy. Genetic modified organisms (GMO)

L10 (2h) – Epigenetics

S1 (3h) – Chromosomes. Techniques of DNA analysis

S2 (3h) – Inheritance (Mendelian and Non-Mendelian) and genetic counseling

S3 (3h) – Practice in public health – screening and recognition of population in risk

S4 (3h) – Carcinogenesis and frequent genetic factors

S5 (3h) – Gens and molecular mechanisms in background of human diseases

S6 (3h) – Genetic background of congenital anomalies

S7 (2h) – Ethics in genetics

E1 (1h) – Introduction to Cytogenetics laboratory

E2 (1h) – Primers construction for genetic testing

E3 (1h) – Bioinformatics (databases search and OMIM)

E4 (1h) – Cloning, transgenic animals, gene therapy

E5 (1h) – Relativity, probability, Bayes theorem


Day	Tuesday	Wednesday	Thursday	Friday
Date	10.11.2020.	11.11.2020.	12.11.2020.	13.11.2020.
Unit	L1, L2	L3, L4	L5, L6	L7, L8
exercise	A	A	A	A
seminar	S	S	S	S
14.40-15.25	MV - E1	MV - E2	MV - E3	MV - E4
16.00-16.45	UG - L1	UG - L3	UG - L5	UG - L7
16.50-17.35				
17.40-18.25	UG - L2	KV - L4	KV - L6	UG - L8
18.30-19.15				
19.20-20.05				
20.10-20.55	MB - S1	MB - S2	MB - S3	UG - S4
21.00-21.45				

lectures
  seminars
  exercise
  no teaching

Day	Monday		Tuesday		Wednesday	Thursday	Friday
Date	16.11.2020.		17.11.2020.		18.11.2020.	19.11.2020.	20.11.2020.
Unit	L9		L10				exam
exercise	A		A		A	A	A
seminar	S		S		S	S	S
13.50-14.35			MV - VE		no teaching	no teaching	no teaching
14.40-15.25							
15.30-16.15	VŠ - S5	MV - S5					
16.20-17.05			VŠ - S6	MV - S6			
17.10-17.55	MB - L9						
18.00-18.45			VŠ -S7	MB - S7			
18.50-19.35	MB - L10						
19.40-20.25							

 lectures

 seminars

 exercise

 no teaching

	Seminar number	Date	Presentation topics	Name and surname
1	S1	10.11.2020.	Chromosomes. Techniques of DNA analysis	Blume Yara Aimee
2	S2	11.11.2020.	Inheritance (Mendelian and Non-Mendelian) and genetic counseling	Božić Ana
3	S3	12.11.2020.	Practice in public health – screening and recognition of population in risk	Delavari Tara
4	S4	13.11.2020.	Cancer Genetics. Differentiation between Genetic and Environmental Factors in Cancer. Oncogenes. Tumor Suppressor Genes. Epigenetics and Cancer	Gök Savio Angelo Serkan
5	S4	13.11.2020.	Genetics of Common Cancers. Genetic Counseling in Familial Cancer	Duje Bradarić
6	S5	16.11.2020.	Genes and molecular mechanisms in background of human diseases	Tabain Lucija
7	S6	17.11.2020.	Genetic background of congenital anomalies	Marin Lovasić
8	S7	17.11.2020.	Ethics in genetics	Dora Livaja

Blume, Yara Aimee  
Božić, Ana  
Delavari, Tara  
Gök, Savio Angelo Serkan  
Duje Bradarić  
Tabain, Lucija  
Marin Lovasić  
Dora Livaja