

SK	doc.dr.sc. Sandra Kostić		lectures
VM	doc.dr.sc. Vlatka Martinović		seminars
KV	prof.dr.sc. Katarina Vukojević		practicals
UG	doc.dr.sc. Una Glamočlija		

Cjelina	1		2		3		4		5	
Datum	07.6.2021 (Mon)		08.6.2021 (Tue)		09.6.2021 (Wed)		10.6.2021 (Thu)		11.6.2021 (Fri)	
Skupine	V1	V2	V1	V2	V1	V2	V1	V2	V1	V2
	S1		S1		S1		S1		S1	
14.40-15.25	SK		SK		VM		KV		UG	
15.30-16.15										
16.20-17.05	SK		SK		VM		KV		UG	
17.10-17.55										
18.00-18.45	SK		SK		VM		KV		UG	
18.50-19.35										

Cjelina	1st exam term									
Datum	14.6.2021 (Mon)									
Skupine	V1	V2	V1	V2	V1	V2	V1	V2	V1	V2
	S1		S1		S1		S1		S1	
14.40-15.25	exam									
15.30-16.15										

1st exam term: 14.6.2021.
 2nd exam term: 14.7.2021.
 3rd exam term: 03.9.2021.
 4th exam term: 21.9.2021.
 1st exam term: 14.6.2021.

- SK Introduction to biotechnology
The main aspects of medical biotechnology and personalized medicine
- SK Using animal models for drug development
Bioinformatics – what to do with all the data?
- VM Examples of personalized treatments for specific chronic conditions
The integration of personalized medicine into the existing healthcare system - the challenges from ethical, legal and social aspects
- KV Molecular diagnostics as basis - Laboratory methods for personalized medicine (sequencing, DNA and RNA isolation and analysis, cDNA synthesis, qPCR, gene expression analysis, SNP analysis, flow cytometry...)
How to make a model - Loss and gain of function experiments (CRISPR/CAS, knock in/out, LoxP/Cre system and overexpression), embryonic models for drug development
- UG The basis of pharmacogenomics and pharmacogenetics
Examples of personalized medicine based pharmacogenetics

