

Discussed and confirmed on the methodical council  
of the Department, January 15, 2021.

**Calendar and Thematic plan of Lab Lessons  
on discipline "Histology, Cytology and Embryology"  
for 1<sup>st</sup> year students, Faculty of General Medicine, Spring semester 2020/2021  
Dates for exact lessons are set only for groups 1-5.**

**Groups 6-23 have the same order of topics, but dates are set by teacher for each group separately.**

№	Topic of the lab lesson	Group/Date				
		Monday Groups 11-13, 16-17.	Tuesday Groups 6-8, 22,23.	Wednesday 1,14,18	Thursday Groups. 2-5, 9,10.	Friday Groups 19-21/
1.	Microscope. Histological techniques.			20.01	21.01	
2.	Cytology. Noncellular structures. General Structure of the Cell. Superficial complex. Cytoplasm. Organelles, Inclusions.			27.01	28.01	
3.	Cytology. Nucleus of the Cell. Cell Reproduction. Cell Aging and Cell Death.			3.02	4.02	
4.	Early Human Embryogenesis. Periods of Embryogenesis. Characteristics of Gametes. Gametogenesis. Fertilization.			10.02	11.02	
5.	Human embryonic development. Cleavage. Implantation. Gastrulation*			17.02	18.02	
6.	<b>Summary lesson №1. Cytology and Embryology (P. I.)</b>			<b>24.02</b>	<b>25.02</b>	
7.	<b>Summary lesson №1. Cytology and Embryology (P. II).*</b>			<u>24.02</u>	<u>25.02</u>	
8.	Conception about Tissues. Classification of Tissues. Epithelial tissues. Morphology and classification of glands.			3.03	4.03	
9.	Blood and Lymph. Hematopoiesis. White Blood Cells Count.			10.03	11.03	
10.	Connective tissues. Classification. Cells of loose connective tissue. Noncellular structures.			17.03	18.03	
11	<b>Summary lesson №2. Epithelium, blood and</b>			<b>24.03</b>	<b>25.03</b>	

	<b>connective tissues (P. I).</b>				
12	<i>Summary lesson №2. Epithelium, blood and connective tissues (P. II).*</i>			<u>24.03</u>	<u>25.03</u>
13	Skeletal connective tissues. Cartilage.			31.03	1.04
14	<i>Skeletal connective tissues. Bone.*</i>			<u>31.03</u>	<u>1.04</u>
15	Muscle tissues.			7.04	8.04
16	Nervous tissue.			14.04	15.04
17	<b>Summary lesson № 3. Musculoskeletal and specialized tissues. (P. I).</b>			21.04	22.04
18	<i>Summary lesson № 3. Musculoskeletal and specialized tissues. (P.II).*</i>			<u>21.04</u>	<u>22.04</u>
19	Nervous system. Central nervous system.			28.04	29.04
20	Peripheral nervous system.			5.05	6.05
21	The Eye.			12.05	13.05
22	The Ear.			19.05	20.05
23	<b>Summary lesson № 4. Nervous and sensory systems.</b>			<b>26.05</b>	<b>27.05</b>
24	<i>Credit lesson.*</i>			<u>26.05</u>	<u>27.05</u>

Note: duration of lab lesson – 3 hours, 5 lab lessons, pointed with \* and by *cursiv*, are provided at additional lessons according to inner departmental time-table. In total in spring semester – 72 hours, 19 study weeks. The beginning on 18.01.21. The end on 29.05.21.

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