

Discussed and confirmed
on the methodical council of the
department
January 19, 2023.

**Calendar and Thematic plan of Lab Lessons
on discipline “Histology, Cytology and Embryology”
for students of Faculty of General Medicine, 1st year,
Spring semester. Academic year 2022-2023.**

№	Topic of the lab lesson	Date
1	Microscope. Histological techniques.	25.01
2	Cytology. Noncellular structures. General Structure of the Cell. Superficial complex. Cytoplasm. Organelles, Inclusions.	1.02
3	Cytology. Nucleus of the Cell. Cell Reproduction. Cell Aging and Cell Death.	8.02
4	Early Human Embryogenesis. Periods of Embryogenesis. Characteristics of Gametes. Gametogenesis. Fertilization.	15.02
5	Human embryonic development. Cleavage. Implantation. Gastrulation*	22.02
6	Summary lesson №1. Cytology and Embryology (P. I.)	1.03
7	<i>Summary lesson №1. Cytology and Embryology (P. II).*</i>	<i>1.03*</i>
8	Conception about Tissues. Classification of Tissues. Epithelial tissues. Morphology and classification of glands.	8.03
9	Blood and Lymph. Hematopoiesis. White Blood Cells Count.	15.03
10	Connective tissues. Classification. Cells of loose connective tissue. Noncellular structures.	22.03
11	Summary lesson №2. Epithelium, blood and connective tissues (P. I.)	29.03
12	<i>Summary lesson №2. Epithelium, blood and connective tissues (P. II).*</i>	<i>29.03*</i>
13	Skeletal connective tissues. Cartilage.	5.04
14	<i>Skeletal connective tissues. Bone.*</i>	<i>5.04*</i>
15	Muscle tissues.	12.04
16	Nervous tissue.	19.04
17	Summary lesson № 3. Musculoskeletal and specialized tissues. (P. I.)	26.04
18	<i>Summary lesson № 3. Musculoskeletal and specialized tissues. (P.II).*</i>	<i>26.04*</i>
19	Nervous system. Central nervous system.	3.05
20	Peripheral nervous system.	10.05
21	The Eye.	17.05
22	The Ear.	24.05
23	Summary lesson № 4. Nervous and sensory systems.	31.05
24.	<i>Credit lesson.*</i>	<i>31.05*</i>

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, 18 study weeks. The beginning on 23.01.23. The end on .05.06.23.

**Chief of the Department of Histology and Embryology,
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