

Discussed and confirmed
on the methodical council of the
department
January 11, 2024.

**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 2023-2024.**

№	Topic of the lab lesson	Date
1	Microscope. Histological techniques.	15.01
2	Cytology. Noncellular structures. General Structure of the Cell. Superficial complex. Cytoplasm. Organelles, Inclusions.	22.01
3	Cytology. Nucleus of the Cell. Cell Reproduction. Cell Aging and Cell Death.	29.01
4	Early Human Embryogenesis. Periods of Embryogenesis. Characteristics of Gametes. Gametogenesis. Fertilization.	5.02
5	Human embryonic development. Cleavage. Implantation. Gastrulation*	12.02
6	Summary lesson №1. Cytology and Embryology (P. I.)	19.02
7	<i>Summary lesson №1. Cytology and Embryology (P. II).*</i>	<u>19.02</u>
8	Conception about Tissues. Classification of Tissues. Epithelial tissues. Morphology and classification of glands.	26.02
9	Blood and Lymph. Hematopoiesis. White Blood Cells Count.	4.03
10	Connective tissues. Classification. Cells of loose connective tissue. Noncellular structures.	11.03
11	Summary lesson №2. Epithelium, blood and connective tissues (P. I.)	18.03
12	<i>Summary lesson №2. Epithelium, blood and connective tissues (P. II).*</i>	<u>18.03</u>
13	Skeletal connective tissues. Cartilage.	25.03
14	<i>Skeletal connective tissues. Bone.*</i>	<u>25.03*</u>
15	Muscle tissues.	1.04
16	Nervous tissue.	8.04
17	Summary lesson № 3. Musculoskeletal and specialized tissues. (P. I.)	15.04
18	<i>Summary lesson № 3. Musculoskeletal and specialized tissues. (P.II).*</i>	<u>15.04*</u>
19	Nervous system. Central nervous system.	22.04
20	Peripheral nervous system.	29.04
21	The Eye.	6.05
22	The Ear.	13.05
23	Summary lesson № 4. Nervous and sensory systems.	20.05
24.	<i>Credit lesson.*</i>	<u>20.05</u>

Note: duration of lab lesson – 3 hours, 5 lab lessons, pointed with * and by *cursive*, are provided as additional lessons according to inner departmental timetable. In total in spring semester – 72 hours, 18 study weeks. The beginning on 15.01.24. The end on .26.05.24.

**Chief of the Department of Histology and Embryology,
Assoc.Prof.
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