

**Lectures on
"Histology, Embryology, Cytology"
for E.S. students of the medical faculty
(second semester of 2019-2020)**

№	Date	Lecture content	Hours
1.	13.02.20	Cell structure. Plasmolemma. Structure. Function. Transport in and out of cells The structures formed with the participation of cell membrane. Microvilli. Cilia. Basal interdigitations.	2
2.	20.02.20	Cell structure. Nucleus. Organelles. Structure and function. The protein synthetic system of the cell.	2
3.	5.03.20	Tissue. Histogenesis of tissues. General characteristics of epithelial tissue. Classification of epithelium.	2
4.	12.03.20	Blood. Plasma. Formed elements of blood. Erythrocytes. Leukocytes. Thrombocytes (platelets). Structure, function.	2
5.	26.03.20	Connective tissue. Classification of connective tissue. Cells of the connective tissue. Fibers of the connective tissue. Biosynthesis of collagen.	2
6.	2.04.20	Supporting connective tissues. Cartilage. Bone.	2
7.	9.04.20	Muscle tissue. Classification of muscle tissue. Skeletal muscle. The contraction cycle.	2
8.	16.04.20	Nerve tissue. Composition of nerve tissue. The neuron. Supporting cells of the nervous system. Neuroglia. Structure and function.	2
9.	30.04.20	Nerve tissue. Nerve fibers. Structure and function. Myelin and unmyelinated Coat. Organization of the peripheral nervous system. Nerve endings. Classification. Receptors. Effectors. Synapses. Structure and function.	2

The plan was approved at the educational and methodological meeting of the department.

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with embryology .Dr.Sci.Med. Prof.:

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