



Responsabili de curs: Seriile A, B – dr. Șaptefrați Lilian

Aprobat la sedinta catedrei, proces verbal №6 din 20.01.2023

## PLANUL

**prelegerilor** la disciplina Histologie, Citologie și Embriologie pentru studenții anului II,  
**facultatea Medicină**, semestrul IV, anul universitar 2022-2023

Nr.	Data	Tema
1.	30.01 – 03.02	<b>Sistemul endocrin.</b> Formațiunile reglatoare centrale ale sistemului endocrin. Dezvoltarea, structura, histofiziologia.
2.	06.02 – 10.02	<b>Organele de simț.</b> Dezvoltarea, structura, histofiziologia.
3.	13.02 – 17.02	Organele de simț. Dezvoltarea, structura, histofiziologia.
4.	20.02 – 24.02	<b>Sistemul digestiv.</b> Caracteristica morfo-funcțională. Dezvoltarea tubului digestiv primar. Cavitatea bucală. Structura și histofiziologia buzelor, obrajilor, gingiei, palatului dur și moale, limbii, amigdalelor.
5.	27.02 – 03.03	Sistemul digestiv. Apartul dentomaxilar. Dezvoltarea si structura dinților. Dezvoltarea, structura, histofiziologia.
6.	06.03 – 10.03	Sistemul digestiv. Faringele. Esofagul. Stomacul. Intestinul subțire. Intestinul gros. Dezvoltarea, structura, histofiziologia.
7.	13.03 – 17.03	Sistemul digestiv. Glandele salivare. Pancreasul. Ficatul. Dezvoltarea, structura, histofiziologia.
8.	20.03 – 24.03	<b>Sistemul respirator.</b> Dezvoltarea, structura, histofiziologia.
9.	27.03 – 31.03	<b>Pielea și derivatele ei.</b> Dezvoltarea, structura, histofiziologia.
10.	03.04 – 07.04	<b>Sistemul urinar.</b> Dezvoltarea, structura, histofiziologia.
11.	10.04 – 14.04	<b>Sistemul genital masculin.</b> Dezvoltarea, structura, histofiziologia.
12.	24.04 – 28.04	<b>Sistemul genital feminin.</b> Ovarul, uterul, trompele uterine, glanda mamară. Dezvoltarea. structura, histofiziologia.
13.	<b>01.05</b> – 05.05	Sistemul genital feminin. Modificările ciclice în organismul femenin. Placenta umană. Structura și funcțiile ei. Modificările endometrului în timpul dezvoltării sarcinii, membranele fetale; sistemul "mamă-făt".
14.	08.05 – 12.05	<b>Interacțiunile celulare în reacțiile imune. Principiile generale de organizare a țesuturilor.</b>

**Şef catedră, profesor universitar**

**Lilian Șaptefrați**



Responsible for course: Serie D – dr. Fulga Veaceslav

Approved at the department meeting, process verbal №6 from 20.01.2023

## SCHEDULE

of courses on Histology, Cytology and Embryology for the students of the II year of study,  
Medicine faculty, IV term, academic year 2022-2023

Nr.	Date	Topic
1.	30.01 – 03.02	<b>Endocrine system.</b> Central part of the endocrine system. Peripheral part of the endocrine system. Development, structure, histophysiology.
2.	06.02 – 10.02	<b>Sense organs.</b> Development, structure, histophysiology.
3.	13.02 – 17.02	<b>Sense organs.</b> Development, structure, histophysiology.
4.	20.02 – 24.02	<b>Digestive system.</b> Morphofunctional characteristic. Development of the primary intestine. Oral cavity. Structure and histophysiology of the lips, cheeks, gums, hard and soft palate, tongue, palatine tonsils.
5.	27.02 – 03.03	Digestive system. Teeth and supporting tissues. Development and structure of the teeth. Development, structure, histophysiology.
6.	06.03 – 10.03	Digestive system. Pharynx. Esophagus. Stomach. Small and large intestine. Development, structure, histophysiology.
7.	13.03 – 17.03	Digestive system. Salivary glands. Pancreas. Liver. Development, structure, histophysiology.
8.	20.03 – 24.03	<b>Respiratory system.</b> Development, structure, histophysiology.
9.	27.03 – 31.03	<b>Integumentary system.</b> Development, structure, histophysiology.
10.	03.04 – 07.04	<b>Urinary system.</b> Development, structure, histophysiology.
11.	10.04 – 14.04	<b>Male reproductive system.</b> Development, structure, histophysiology.
12.	24.04 – 28.04	<b>Female reproductive system.</b> Ovary, uterus, oviducts, mammary gland. Development, structure, histophysiology.
13.	<b>01.05</b> – 05.05	<b>Female reproductive system.</b> Cyclic modifications in women. Human placenta. Its structure and functions. Modifications of endometrium during pregnancy, fetal membranes, system “mother-fetus”.
14.	08.05 – 12.05	<b>Cellular interactions in the immune reactions. General principles of tissue formation.</b>

Head of Department

Lilian Șaptefrați



Responsible for course: Serie E – dr. Foca Ecaterina

Approved at the department meeting, process verbal № 6 from 20.01.2023

## SCHEDULE

of the courses on Histology, cytology and embryology for the students of the II year of study, **Medicine faculty**,  
III term, academic year 2022-2023

	Date	Topic
1.	30.01 – 03.02	Introduction. Cytology. The cell theory. <b>Cellular membrane</b> . System of the barrier, reception and transport. Intercellular junctions.
2.	06.02 – 10.02	Cytology. <b>Cytoplasm contents</b> – hyaloplasm, organelles (system of synthesis, system of intracellular digestion, system of energy, cytoskeleton), and inclusions.
3.	13.02 – 17.02	Cytology. <b>The cell nucleus</b> . Cell cycle. Self-reproduction. Cell reaction on the action of the external environment. Cells death. Necrosis. Apoptosis.
4.	20.02 – 24.02	Notion of the general embryology: basic stages of the embryonic development, their biological role. Sex cells. First week of the development: fertilization, cleavage. Blastocyst stage. Differentiation of trophoblast at the beginning of implantation.
5.	27.02 – 03.03	Second and third weeks of the embryonic development: first stage of gastrulation, second stage of the gastrulation. Neurulation. Extraembryonic organs: amnion, chorion, yolk sac, allantois, umbilical cord. Factors of risk in the prenatal development. Critical periods of the development.
6.	06.03 – 10.03	Tissues studying. Epithelial tissues. Glandular epithelium.
7.	13.03 – 17.03	Tissues of the internal environment. Mesenchyme. Blood and lymph. Embryonic and postembryonic hemopoiesis.
8.	20.03 – 24.03	Connective tissues. Proper connective tissues.
9.	27.03 – 31.03	Skeletal connective tissues (cartilage and bone).
10.	03.04 – 07.04	Muscle tissue.
11.	10.04 – 14.04	Nervous tissue. Neurons. Neuroglia. Nerve fibers. Nerve endings.
12.	24.04 – 28.04	Nervous system. Spinal ganglion. Peripheral nerve. Spinal cord.
13.	01.05 – 05.05	Nervous system. Brain. Cerebellum. Cortex of brain. Vegetative nervous system.
14.	08.05 – 12.05	Cardiovascular system. Development. Structure, histophysiology

Head of Department

Lilian Șaptefrați



Ответственный за лекцию: Шаптефраць Лилиан

Утверждённый на заседании кафедры, протокол №6 от 20.01.2023

**ПЛАН**  
**лекций для студентов второго курса, Лечебного факультета,**  
**IV семестр, учебный год 2022-2023**

№	Дата	Тема
1.	30.01 – 03.02	<b>Эндокринная система.</b> Развитие, строение, гистофизиология.
2.	06.02 – 10.02	<b>Органы чувств.</b> Развитие, строение, гистофизиология.
3.	13.02 – 17.02	Органы чувств. Развитие, строение, гистофизиология.
4.	20.02 – 24.02	<b>Пищеварительная система.</b> Строение и гистофизиология губы, щеки, твердого неба, мягкого неба, языка, миндалин.
5.	27.02 – 03.03	Пищеварительная система. Зубочелюстной аппарат. Развитие и прорезывание молочных и постоянных. Строение, гистофизиология зубов.
6.	06.03 – 10.03	Пищеварительная система. Глотка. Пищевод. Желудок. Тонкая кишка. Толстая кишка. Строение. Гистофизиология.
7.	13.03 – 17.03	Пищеварительная система. Слюнные железы. Поджелудочная железа. Печень. Строение. Гистофизиология.
8.	20.03 – 24.03	<b>Дыхательная система.</b> Строение, гистофизиология.
9.	27.03 – 31.03	<b>Кожа и ее производные.</b> Строение, гистофизиология.
10.	03.04 – 07.04	<b>Мочевыделительная система.</b> Строение, гистофизиология.
11.	10.04 – 14.04	<b>Мужская половая система.</b> Строение, гистофизиология.
12.	24.04 – 28.04	<b>Женская половая система.</b> Яичник, матка, маточные трубы, молочная железа. Строение, гистофизиология.
13.	01.05 – 05.05	Женская половая система. Циклические изменения женского организма. Человеческая плацента. Строение и ее функции. Изменения эндометрия во время беременности; плодные оболочки.
14.	08.05 – 12.05	<b>Клеточные взаимодействия в иммунных реакциях. Общие основы организации тканей.</b>

Заведующий кафедрой

Лилиан Шаптефраць