

HISTOLOGY

PLAN OF LECTURES FOR FOREIGN STUDENTS

THE THIRD SEMESTER

№	Subject of the lecture
1.	Sensory organs. Functional morphology of the eye. Organ of vision. Development, structure and functions. Functional morphology of the ear and balance organ. Development, structure and functions
2.	Cardiovascular system
3.	Immune system. Central organs of immune system. Hematopoiesis. Blood-thymus barrier. Peripheral organs of immune system
4.	Endocrine system. Central and peripheral endocrine organs. Hypothalamo-hypophyseal axis. Portal system of pituitary gland..
5.	Respiratory system. Skin. Development, structure and functions.
6.	Alimentary system. Development, structure and functions. Layers of the wall of alimentary tube. Tooth development, tongue, oesophagus. Lymphoepithelial ring. Greater salivary gland. Alimentary system. Stomach, small and large intestine. Liver and gallbladder. Pancreas. Development, structure and functions
7.	Urinary system. Development, structure and functions. Nephron. Filtration barrier. Endocrine function of kidney. Urinary tract.
8.	Male reproductive system. Development, structure and functions. Spermatogenesis. Blood-testis barrier. Male genital tracts. Accessory glands
9.	Female reproductive system. Development, structure and functions. Ovarian and menstrual circle. Oogenesis. Embryology. Stages of embryonic development. Placenta. Formation, structure, functions. Mammary gland. Hormonal regulation