

Schedule of the lectures – winter 2025		
	Date	Contents of the lecture
1.	15. 9.	Introductory information Basic nomenclature: autopsy, histological necroptic and bioptical examination, the importance of autopsies Death and postmortal changes Necrosis: types and appearance, causes and further evolution. Apoptosis, maceration (doc. Křen)
2.	22. 9.	Atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia (doc. Křen)
3.	29. 9.	Hemodynamic disorders of perfusion (central and peripheral) Shock, fluid loss and overload Local disorders of circulation (infarction, embolism, edema), DIC, eclampsy (doc. Křen)
4.	6. 10.	Inflammation (acute, chronic); gross and macroscopic appearance Phagocytosis, cells engaged in inflammation Chemical mediators of inflammation (prof. Hermanová)
5.	13. 10	General oncology; Benign and malignant tumors and their classification Cancerogenesis Epithelial tumors, germ cell tumours, mesothelioma (prof. Hermanová)
6.	20. 10.	Immune system and its function Immune reactions, their classification and pathology Autoimmune diseases Rejection (dr. Žampachová)
7.	27.10.	Inflammation: types and their characteristics (superficial, deep, serous, fibrinous...) Macroscopic & microscopic changes Fever, sepsis, pyemia Healing and reparation Specific inflammation (tuberculosis, lues, lepra, sarkoidosis); granulomatous inflammation (doc. Křen)
8.	3.11.	Cardiovascular pathology: congenital heart disease, inflammatory heart disease, ischemic heart disease, cardiomyopathy (doc. Křen)
9.	10.11.	Leukemia Lymphomas (WHO classification) (prof. Hermanová)
10.	17.11.	National Holidays
11.	24.11.	Mesenchymal tumors Tumors of peripheral nervous system Pigmented skin lesions Neuroectodermal tumors of CNS (doc. Křen)
12.	1. 12.	Cardiovascular pathology: blood vessels (degenerative changes, vasculitis), myocardial biopsy (prof. Hermanová)
13.	8. 12.	The respiratory system (prof. Hermanová)
14.	15. 12.	Immunodeficiency diseases (inborn and acquired) HIV. Infections in immunocompromised patients Infectious diseases (dr. Žampachová)

Lecture hall St. Anna's Hospital