

## Schedule of the lectures – winter 2024

	Date	Contents of the lecture
1.	16. 9.	Introductory information I. 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 (dr. Said)
2.	23. 9.	Introductory information II. Atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia (doc. Křen)
3.	30. 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.	7. 10.	Inflammation (acute, chronic); gross and macroscopic appearance Phagocytosis, cells engaged in inflammation Chemical mediators of inflammation (prof. Hermanová)
5.	14. 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)
6.	21. 10.	Immune system and its function Immune reactions, their classification and pathology Autoimmune diseases Rejection (dr. Žampachová)
7.	28. 10.	National Holiday
8.	4.11.	Immunodeficiency diseases (inborn and acquired) HIV. Infections in immunocompromised patients Infectious diseases (dr. Žampachová)
9.	11.11.	General oncology; Benign and malignant tumors and their classification Cancerogenesis (prof. Hermanová) Epithelial tumors, germ cell tumours, mesothelioma (prof. Hermanová)
10.	18.11.	Leukemia Lymphomas (WHO classification) (prof. Hermanová)
11.	25.11.	Mesenchymal tumors Tumors of peripheral nervous system Pigmented skin lesions Neuroectodermal tumors of CNS (doc. Křen)
12.	2. 12.	The respiratory system (prof. Hermanová)
13.	9. 12.	Cardiovascular pathology I: blood vessels (degenerative changes, vasculitis), myocardial biopsy (prof. Hermanová)
14.	16. 12.	Cardiovascular pathology II: congenital heart disease, inflammatory heart disease, ischemic heart disease, cardiomyopathy (doc. Křen)

**Lecture hall St. Anna´s Hospital**