

Schedule of the lectures – winter 2021		
	Date	Contents of the lecture
1.	13. 9	Inflammation (acute, chronic); gross and macroscopic appearance Phagocytosis, cells engaged in inflammation Chemical mediators of inflammation (prof. Hermanová)Introductory information
2.	20. 9.	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)
3.	27. 9.	Atrophy, hypertrophy, hyperplasia, metaplasia, dysplasia (doc. Křen)
4.	4. 10.	Hemodynamic disorders od perfusion (central and peripheral) Shock, fluid loss and overload Local disorders of circulation (infarction, embolism, edema), DIC, eclampsy (doc. Křen)
5.	11. 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.	18.10.	Immune system and its function Immune reactions, their classification and pathology Autoimmune diseases Rejection (dr. Žampachová)
7.	25.10.	General oncology; Benign and malignant tumors and their classification Cancerogenesis (prof. Hermanová)
8.	1.11.	Epithelial tumors, germ cell tumours, mesothelioma (prof. Hermanová)
9.	8.11.	Leukemia Lymphomas (WHO classification) (prof. Hermanová)
10.	15.11.	Cardiovascular pathology: congenital heart disease, inflammatory heart disease, ischemic heart disease, cardiomyopathy (doc. Křen)
11.	22.11.	Mesenchymal tumors Tumors of peripheral nervous system Pigmented skin lesions Neuroectodermal tumors of CNS (doc. Křen)
12.	29. 11.	Cardiovascular pathology: blood vessels (degenerative changes, vasculitis), myocardial biopsy (prof. Hermanová)
13.	6. 12.	Immunodeficiency diseases (inborn and acquired) HIV. Infections in immunocompromised patients Infectious diseases (dr. Žampachová)
14.	13. 12.	The respiratory system (prof. Hermanová)
15.	20. 12.	The Liver and Biliary Tract (dr. Žampachová)

16:40-19:20

Lecture hall of the I. ÚP, FNuSA, Pekařská 53

