

PROGRAMME

FOR PRACTICAL EXERCISES DURING THE COURSE “BASIC PATHOLOGY”

MEDICAL STUDENTS III YEAR, WINTER SEMESTER 2013 / 2014 YEAR

<i>EXERCISE DATE</i>	<i>TOPIC</i>	<i>ULTRASTRUCTURAL PICTURES</i>	<i>MACROSCOPIC SLIDES</i>
1. 16.09.2013	STRUCTURE AND GOALS OF THE DEPARTMENT OF BASIC AND CLINICAL PATHOLOGY. TRAINING METHODS AND RULES. BASIC DIAGNOSTIC METHODS – BIOPSY AND AUTOPSY WORK.		
2. 23.09.2013	ADMISSION TEST – CELLULAR AND TISSUE STRUCTURE. ORGAN HISTOLOGY. ROUTINE STAINING METHODS.		
3. 30.09.2013	PATHOLOGY OF THE CELL. PHYSIOLOGICAL, ADAPTATION AND PATHOLOGICAL ULTRASTRUCTURAL CHANGES IN THE NUCLEUS, MEMBRANE STRUCTURES AND SPECIALIZED CELLULAR ORGANELLES.		
4. 07.10.2013	<u>MORPHOLOGY OF CELL INJURY. REVERSIBLE CELL INJURY: CELLULAR SWELLING, VACUOLAR DEGENERATION AND HYDROPIIC CHANGE, ABNORMAL INTRACELLULAR ACCUMULATIONS</u>	CELLULAR SWELLING OF KIDNEY CELLS, HEPATOCYTES, HYDROPIIC CHANGE OF HEPATOCYTE, FATTY CHANGE OF CARDIOMYOCYTE;	COR TIGRUM STEATOSIS HEPATIS ATHEROMATOSIS
9	T.H. DYSTROPHIA PARENCHYMATOSA RENIS		
25, 26	STEATOSIS HEPATIS /HE, SUDAN III/		
29, 30	ATHEROMATOSIS AORTAE /HE, SUDAN III/		

5.	14.10.2013	<u>ABNORMAL INTRACELLULAR ACCUMULATIONS.</u>		
		<u>ACCUMULATION OF PROTEINS, GLYCOGEN, COMPLEX</u>		
		<u>LIPIDS, CARBOHYDRATES AND PIGMENTS.</u>		
	17 = 86	CARCINOMA GELATINOSUM /HE, АЛЦ.СИНЬО/ MUCOVISCIDOSIS PANCREATIS /HE/	LIPOFUSCIN GRANULES IN CARDIOMYOCYTE. SIDEROPHAGOSOMES IN SIDEROPHAG	CARCINOMA GELATINOSUM VENTRICULI ANTHRACOSIS PULMONIS INDURATIO FUSCA PULMONIS
	24	ANTHRACOSIS PULMONIS		
	23	ICTERUS RENIS		
	20	NAEVUS PIGMENTOSUS		
	8	ATROPHIA FUSCA HEPATIS		
	21, 22	INDURATIO FUSCA PULMONIS /HE, FE/		
6.	21.10.2013	EXTRACELLULAR MATRIX CHANGES. ABNORMAL ACCUMULATIONS IN EXTRACELLULAR MATRIX		
		NECROSIS FIBRINOIDEA	HYALINOSIS OF V.AFEEERENS	ULCUS VENTRICULI
	12 = 102	HYALINOSIS ARTERIOLARUM RENIS	IN LONG-STANDING HYPER- TENSION	NEPHROCIRRHOISIS ARTERIOSCLEROTICA REN ALBUS
	10	CORPUS ALBICANS OVARI I	MUCOID CHANGE	AMYLOIDOSIS
	13, 14	AMYLOIDOSIS RENIS /HE, MV, CONGO-ROT/	AMYLOID – FIBRILAR AND	LIENIS (SAGO SPLEEN, LARDACEOUS SPLEEN)
	15, 16	AMYLOIDOSIS LIENIS /HE, MV/ CALCINOSIS VASORUM	NON-FIBRILAR STRUCTURES KIDNEY CALCIFICATION	
7.	28.10.2013	CELLULAR AND TISSUE DEATH (NECROSIS)		
	4 = 34	NECROSIS RENIS	KARYOPICNOSIS	INFARCTIS ANAEMICUS
	4 = 35	NECROSIS MYOCARDII	NECROTIC CELL	MYOCARDII, RENIS, CEREBRI
	3	NECROSIS LYMPHONODI	ISCHEMIC CHANGES IN	TUBERCULOSIS
5 = 36		NECROSIS CEREBRI /ENCEPHALOMALACIA/ NECROSIS PANCREATIS	CARDIOMYOCYTE	LYMPHONODORUM NECROSIS PANCREATIS HAEMORRHAGICA

8.	04.11.2013	<u>HEMODYNAMIC DISORDERS</u>	INTERSTITIAL PULMONARY EDEMA	HEPAR MOSCHATUM HAEMORRAGIA CEREBRI BILATERAL HEMORRHAGE IN SUPRARENAL GLAND WATERHOUSE- FRIDERICHSEN SYNDROME
		40 OEDEMA PULMONIS		
		21, 22 INDURATIO FUSCA PULMONIS /FE, HE/	INDURATIO FUSCA PULMONIS (CAPILLARY OCLUSION)	
		38 CYANOSIS HEPATIS		
		39 HEPAR MOSCHATUM		
9.	11.11.2013	<u>HEMODYNAMIC DISORDERS</u>	TROMB FORMATION	PHLEBOTHROMBOSIS EMBOLIA THROMBOTICA RAMORUM ART.PULMONALIS INFARCTUS HAEMORRHAGICUS PULMONIS INFARCTUS MYOCARDII. THROMBOSIS PARIETALIS IN LOCO IBIDUM
		31 THROMBUS MIXTUS		
		32 TROMBUS ORGANISATUS ET CANALISATUS		
		33 EMBOLIA ADIPOSA PULMONIS /SUDAN III/		
		37 INFARCTUS HAEMORRHAGICUS PULMONIS		
		1 = 34 INFARCTUS ANAEMICUS RENIS /ИОБТОРЕНИЕ/		
		4 = 35 INFARCTUS ANAEMICUS MYOCARDII		
10.	18.11.2013	SEMINAR – CELL INJURY. HEMODYNAMIC DISORDERS.		
11.	25.11.2013	<u>EXAM: REVERSIBLE AND IREVERSIBLE CELL INJURY. EXTRACELLULAR MATRIX CHANGES. NECROSIS. HEMODYNAMIC DISORDERS.</u>		
12.	02.12.2013	<u>EXUDATIVE INFLAMATION</u>	LEUCODIAPEDESIS	BRONCHOPNEUMONIA
		42 PNEUMONIA LOBULARIS		ABSCEDENS
		43, 44 PNEUMONIA LOBARIS /HE, WEIGERT/	PHAGOCYTOSIS OF BACTERIA	PNEUMONIA CROUPOSA COR VILLOSUM
		45 PERICARDITIS FIBRINOSA		APPENDICITIS PHLEGMONOSA
		47 LEPTOMENINGITIS PURULENTA		NEPHRITIS ABSCEDENS
		104 APPENDICITIS PHLEGMONOSA		LEPTOMENINGITIS PURULENTA
		48 NEPHRITIS PURULENTA		

13. 09.12.2013	<u>PROLIFERATIVE INFLAMMATION. OUTCOMES OF INFLAMMATORY REACTIONS.</u>		
50	GRANULATIO		ABSCESSUS CHRONICUS
51	GRANULOMA CORPORIS ALIENI		CEREBRI
49	ABSCESSUS CHRONICUS CEREBRI		CIRRHOSIS HEPATIS
54, 55	CIRRHOSIS HEPATIS /HE, VG/		MYOCARDIOSCLEROSIS
53, 54	CICATRICES MYOCARDII /HE, VG/		END-STAGE RENAL DISEASE
14. 16.12.2013	<u>SPECIFIC GRANULOMATOUS INFLAMMATION</u>		
59	TBC MILIARIS PULMONIS	GIANT CELLS	TUBERCULOSIS MILIARIS
60	LEPTOMENINGITIS TUBERCULOSA	LANGHANS TYPE	PULMONIS, LIENIS ET RENIS
61	MESAORITIS LUETICA		MESAORITIS LUETICA
63	MYOCARDITIS RHEUMATICA SARCOIDOSIS LYMPHONODI* * SLIDES FOR DEMONSTRATION FELINOSIS LYMHONODI*		
15. 23.12.2013	SEMINAR – MORPHOLOGICAL BASIS OF INFLAMMATION.		