**PATHOLOGY 2023/2024 SCHEDULE**

Lectures, seminars and histopathology presentations are posted on course platform.

**V SEMESTER (Oct 2, 2023 – Jan 12, 2024)**

**LECTURES – V SEMESTER**

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| **GENERAL PATHOLOGY** |
| OCTOBER |
| Oct 2, Mon | 12-12.45 | Introduction to pathology | Prof. dr N. Tomanović |
|  | 13-13.45 | Cellular adaptations | Prof. dr D. Dunđerović |
| Oct 3, Tue | 12-12.45 | Disturbances in metabolism of lipids | Prof. dr D. Dunđerović |
|  | 13-13.45 | Hyaline change & amyloidosis | Prof. dr D. Dunđerović |
| Oct 9, Mon | 12-12.45 | Subcellular responses to injury | Prof. dr D. Dunđerović |
|  | 13-13.45 | Disturbances of minerals and pigment metabolism | Prof. dr D. Dunđerović |
| Oct 10, Tue | 12-12.45 | Apoptosis & necrosis | Prof. dr D. Dunđerović |
|  | 13-13.45 | Inflammation | Doc. dr M. Životić |
| Oct 16, Mon | 12-12.45 | Inflammation | Doc. dr M. Životić |
|  | 13-13.45 | Inflammation | Doc. dr M. Životić |
| Oct 17, Tue | 12-12.45 | Infectious diseases | Doc. dr M. Životić |
|  | 13-13.45 | Infectious diseases | Doc. dr M. Životić |
| Oct 23, Mon | 12-12.45 | Infectious diseases | Doc. dr M. Životić |
|  | 13-13.45 | Circulatory disorders | Doc. dr I. Savić |
|  | 13.45-14.15 | Circulatory disorders | Doc. dr I. Savić |
| Oct 24, Tue | 12-12.45 | Circulatory disorders | Doc. dr I. Savić |
|  | 13-13.45 | Circulatory disorders | Doc. dr I. Savić |
|  | 13.45-14.15 | Circulatory disorders | Doc. dr I. Savić |
| Oct 30, Mo | 12-12.45 | Healing and repair | Prof. dr M. Bosić |
|  | 13-13.45 | Transplantation | Prof. dr M. Bosić |
| Oct 31, Tue | 12-12.45 | Immunopathology | Prof. dr M. Bosić |
|  | 13-13.45 | Immunopathology | Prof. dr M. Bosić |
| NOVEMBER |
| Nov 6, Mon | 12-12.45 | Nutritional diseases | Doc. dr M. Prvanović |
|  | 12.45-13.30 | Injuries by heat and cold & Effects of ionizing radiation | Doc. dr M. Prvanović |
| Nov 7, Tue | 12-12.45 | Pediatric diseases | Prof. dr M. Bosić |
|  | 12.45-13.30 | Genetic disorders | Prof. dr M. Bosić |
| Nov 13, Mon | 12-12.45 | Neoplasia | Prof. dr D. Brašanac |
|  | 12.45-13.30 | Neoplasia | Prof. dr D. Brašanac |
|  | 13.30-14.15 | Neoplasia | Prof. dr D. Brašanac |
| Nov 14, Tue | 12-12.45 | Neoplasia | Doc. dr M. Prvanović |
|  | 12.45-13.30 | Neoplasia | Doc. dr M. Prvanović |
|  | 13.30-14.15 | Neoplasia | Doc. dr M. Prvanović |
| **SYSTEMIC PATHOLOGY** |
| Nov 20, Mon | 12-12.45 | Skeletal system | Prof. dr J. Sopta |
|  | 12.45-13.30 | Skeletal system | Prof. dr J. Sopta |
|  | 13.30-14.15 | Skeletal system | Prof. dr J. Sopta |
| Nov 21, Tue | 12-12.45 | Skeletal system | Prof. dr J. Sopta |
|  | 12.45-13.30 | Soft tissue tumors | Prof. dr J. Sopta |
|  | 13.30-14.15 | Head and neck | Prof. dr N. Tomanović |
| Nov 27, Mon | 12-12.45 | Cardiovascular system | Prof. dr S. Glumac |
|  | 13-13.45 | Cardiovascular system | Prof. dr S. Glumac |
| Nov 28, Tue | 12-12.45 | Cardiovascular system | Prof. dr S. Glumac |
|  | 13-13.45 | Cardiovascular system | Prof. dr S. Glumac |
| DECEMBER |
| Dec 4, Mon | 12-12.45 | Cardiovascular system | Prof. dr S. Glumac |
|  | 13-13.45 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
| Dec 5, Tue | 12-12.45 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
|  | 13-13.45 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
| Dec 11, Mon | 12-12.45 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
|  | 13-13.45 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
| Dec 12, Tue | 12-12.45 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
|  | 13-13.45 | Breast pathology | Prof. dr S. Tatić |
| Dec 18, Mon | 12-12.45 | Endocrine system | Prof. dr S. Tatić |
|  | 13-13.45 | Endocrine system | Prof. dr S. Tatić |
| Dec 19, Tue | 12-12.45 | Endocrine system | Prof. dr S. Tatić |
|  | 13-13.45 | Skin pathology | Prof. dr D. Brašanac |
| Dec 25, Mon | 12-12.45 | Skin pathology | Prof. dr D. Brašanac |
|  | 13-13.45 | Skin pathology | Prof. dr D. Brašanac |
| **Dec 26, Tue** | **COLLOQUIUM** **I** |
| JANUARY |
| **Jan 9, Tue** | **Colloquium I repeat** |

**COLLOQUIUM I:** Students will be informed of time and venue via e-mail and noticeboard (1st floor of the Institute of Pathology).

Colloquium I topics: General pathology

Neoplasia

Genetic diseases

Pediatric diseases

Respiratory system

Cardiovascular system

Skeletal system

**PRACTICALS – V SEMESTER**

All practical sessions are held at the Institute of Pathology, Dr Subotića 1, 1st floor (histopathology room or seminar room).

**All histopathology praticals (microscopic slide demonstrations) begin at 14 o’clock, except for the first week when they will begin at 16 o’clock. All slide seminars begin at 16 o’clock.**

For histopathological practicals (microscopic slide demonstrations) all students need to be equipped with:

1. White coat
2. Practical handbook of pathology with photomicrographs (provided by the school on the first practical)

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| OCTOBER |
| Oct 4, Wed | 16-19 | MICROSCOPIC SLIDE DEMONSTRATIONS 1**Histopathological features of basic injury of cells and extracellular matrix**Prof. dr D. Dunđerović & assistants M. Jovanović and A.M. TomićLab. tech. D. Tomić |
| Oct 11, Wed | 16-19 | SLIDE SEMINAR**Basic pathology of cell and extracellular matrix**Prof. dr D. Dunđerović |
| Oct 18, Wed | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 2**Histopathological features of inflammation**Doc. dr M. Životić & assistants Lj. Simić and M. MihajlovićLab. tech. M. Krstić |
| Oct 25, Wed | 16-19 | SLIDE SEMINAR**Pathology of inflammation and repair**Doc. dr M. Životić |
| NOVEMBER |
| Nov 1, Wed | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 3**Histopathological features of circulatory disorders**Doc. dr I. Savić & assistants I. Filipović and M. ĐuknićLab. tech. D. Ćurčić |
| Nov 8, Wed | 16-19 | SLIDE SEMINAR**Pathology of circulatory disorders**Doc. dr I. Savić |
| Nov 15, Wed | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 4**Histopathological features of benign and malignant tumors**Prof. dr M. Bosić & assistants J. Jevtić and A.M. TomićLab. tech. V. Luković |

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| Nov 22, Wed | 16-19 | SLIDE SEMINAR**General pathology of neoplasia**Prof. dr M. Bosić |
| Nov 29, Wed | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 5**Histopathological features of bone and joint diseases and soft tissue tumors**Prof. dr J. Sopta & assistants Lj. Simić and M. MihajlovićLab. tech. D. Pekić |

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| DECEMBER |
| Dec 6, Wed | 16-19 | SLIDE SEMINAR**Pathology of the skeletal system**Prof. dr J. Sopta |
| Dec 13, Wed | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 6**Histopathological features of cardiovascular diseases**Prof. dr S. Glumac & assistants J. Jevtić and M. JovanovićLab. tech. D. Tomić |
| Dec 20, Wed | 16-19 | SLIDE SEMINAR**Pathology of the cardiovascular system**Prof. dr S. Glumac |
| Dec 27, Wed | 16-19 | SLIDE SEMINAR**Pathology of the respiratory system**Prof. dr S. Glumac |
| JANUARY |
| Jan 3, Wed | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 7**Histopathological features of lung diseases**Prof. dr S. Glumac & assistants J. Jevtić and M. Jovanović Lab. tech. M. Krstić |
| Jan 10, Wed | 14-17**Two practicals\*** | SLIDE SEMINAR**Endocrine system and breast pathology**Prof. dr S. Tatić |
| MICROSCOPIC SLIDE DEMONSTRATIONS 8**Slide review V semester & signatures**Prof. dr N. Tomanović & assistants A.M. Tomić and M. MihajlovićLab. tech. G. Martić |

\*Group I: Microscopic slide demonstration 14-15.30, Slide seminar 16-17.30

 Group II: Microscopic slide demonstration 15.30-17, Slide seminar 17.30-19

**PRACTICALS – MICROSCOPIC SLIDE DEMONSTRATION**

**V SEMESTER**

**I Histopathological features of basic injury of cells and extracellular matrix**

1. Testicular atrophy with sclerosis

2. Brown liver atrophy

3. Renal amyloidosis

4. Splenic amyloidosis

5. Hyalinosis of splenic blood vessels

6. Fatty infiltration of the myocardium

7. Diffuse liver steatosis

**II Histopathological features of inflammation**

14. Fibrinous-suppurative pleuritis

15. Liver abscess

16. Skin phlegmon

17. Phlegmonous appendicitis

18. Tuberculous lymphadenitis

19. Parkinson disease

20. Foreign body type granuloma

**III Histopathological features of circulatory disorders**

8. Chronic lung congestion (Lung hemosiderosis)

9. Central hemorrhagic necrosis of the liver

10. Chronic spleen congestion

11. Organization of the venous thrombus

12. White/anemic kidney infarction

13. Hemorrhagic lung infarction

**IV Histopathological features of benign and malignant tumors**

21. Oral mucosal papilloma

22. Uterine cervical polyp

23. Adenomatous colonic polyp - tubular adenoma

24. Malignant cells on smear preparation/cytological smear

25. Uterine cervical high grade squamous intraepithelial lesion - HSIL

27. Lung adenocarcinoma

28. Bone marrow metastasis of a carcinoma

29. Lymph node metastasis of a carcinoma

**V Histopathological features of lung diseases**

36. Lobar pneumonia (Lobar fibrinous/croupous pneumonia - grey hepatization stage)

37. Lobular pneumonia (Bronchopneumonia)

38. Tuberculous caseous bronchopneumonia

39. Miliary lung tuberculosis

40. Acute respiratory distress syndrome (Diffuse alveolar damage, ARDS)

41. Lung emphysema

42. Small cell lung carcinoma (Oat cell carcinoma)

**VI Histopathological features of cardiovascular diseases**

30. Interstitial myocardial fibrosis

31. Viral myocarditis

32. Benign nephrosclerosis

33. Aortic atherosclerosis

34. Myocardial infarction

**VII Histopathological features of bone and joint diseases and soft tissue tumors**

91. Chronic synovitis

92. Chronic osteomyelitis

93. Chondroma

94. Ewing’s sarcoma

95. Giant cell tumor

96. Osteosarcoma

97. Lipoma

98. Leiomyoma

99. Rhabdomyosarcoma

100. Liposarcoma

**VI SEMESTER (Feb 19, 2024 – May 31, 2024)**

**LECTURES – VI SEMESTER**

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| FEBRUARY |
| Feb 19, Mon | 12-12.45 | Gastrointestinal system | Prof. dr R. Janković |
|  | 12.45-13.30 | Gastrointestinal system | Prof. dr R. Janković |
|  | 13.30-14.15 | Gastrointestinal system | Prof. dr R. Janković |
| Feb 26, Mon | 12-12.45 | Gastrointestinal system | Prof. dr R. Janković |
|  | 12.45-13.30 | Gastrointestinal system | Prof. dr R. Janković |
|  | 13.30-14.15 | Pathology of the liver | Prof. dr N. Tomanović |
| MARCH |
| Mar 4, Mon | 12-12.45 | Pathology of the liver | Prof. dr N. Tomanović |
|  | 12.45-13.30 | Pathology of the liver | Prof. dr N. Tomanović |
|  | 13.30-14.15 | Pathology of the biliary tract | Prof. dr N. Tomanović |
| Mar 11, Mon | 12-12.45 | Neuropathology | Prof. dr E. Manojlović Gačić |
|  | 12.45-13.30 | Neuropathology | Prof. dr E. Manojlović Gačić |
|  | 13.30-14.15 | Neuropathology | Prof. dr E. Manojlović Gačić |
| Mar 18, Mon | 12-12.45 | Neuropathology | Prof. dr E. Manojlović Gačić |
|  | 13-13.45 | Neuropathology | Prof. dr E. Manojlović Gačić |
|  | 14-14.45 | PNS and skeletal muscle diseases | Prof. dr E. Manojlović Gačić |
| Mar 25, Mon | 12-12.45 | Organs of special senses | Doc. dr D. Obradović |
|  | 13-13.45 | Nephropathology | Prof. dr S. Radojević Škodrić |
| APRIL |
| Apr 1, Mon | 12-12.45 | Nephropathology | Prof. dr S. Radojević Škodrić |
|  | 13-13.45 | Nephropathology | Prof. dr S. Radojević Škodrić |
| Apr 8, Mon | 12-12.45 | Nephropathology | Prof. dr S. Radojević Škodrić |
|  | 13-13.45 | Nephropathology | Doc. dr J. Filipović |
| Apr 15, Mon | 12-12.45 | Nephropathology | Doc. dr J. Filipović |
|  | 12.45-13.30 | Female genital system | Doc. dr D. Obradović |
|  | 13.30-14.15 | Female genital system | Doc. dr D. Obradović |
| Apr 22, Mon | 12-12.45 | Female genital system | Doc. dr D. Obradović |
|  | 12.45-13.30 | Female genital system | Doc. dr D. Obradović |
|  | 13.30-14.15 | Male genital system | Prof. dr S. Radojević Škodrić |
| Apr 29, Mon | 12-12.45 | Male genital system | Prof. dr S. Radojević Škodrić |
|  | 12.45-13.30 | Hematopoietic system | Prof. dr T. Terzić |
|  | 13.30-14.15 | Hematopoietic system | Prof. dr T. Terzić |
| May 13, Mon | 12-12.45 | Hematopoietic system | Prof. dr T. Terzić |
|  | 12.45-13.30 | Hematopoietic system | Prof. dr T. Terzić |
|  | 13.30-14.15 | Hematopoietic system | Prof. dr T. Terzić |
| May 20, Mon | **COLLOQUIUM II** |
| May 27, Mon | **Colloquium II repeat** |

**COLLOQUIUM II:** Students will be informed of time and venue via e-mail and noticeboard (1st floor of the Institute of Pathology).

Colloquium II topics: Skin

Endocrine system and breast

Soft tissue pathology

Gastrointestinal system

Liver and biliary tract

Neuropathology

Male and female genital system

**PRACTICALS – VI SEMESTER**

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| FEBRUARY |
| Feb 22, Thu | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 9**Histopathological features of endocrine system and breast pathology**Prof. dr S. Tatić & assistants M. Mihajlović and I. FilipovićLab. tech. D. Ćurčić |
| Feb 29, Thu | 16-19 | SLIDE SEMINAR**Pathology of the skin**Prof. dr D. Brašanac |
| MARCH |
| Mar 7, Thu | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 10**Histopathological features of skin lesions** Prof. dr D. Brašanac & assistants I. Filipović and M. ĐuknićLab. tech. V. Luković |
| Mar 14, Thu | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 11**Histopathological features of gastrointestinal diseases**Prof. dr R. Janković & assistants J. Jevtić and M. ĐuknićLab. tech. D. Pekić |
| Mar 21, Thu | 16-19 | SLIDE SEMINAR**Gastrointestinal system, pancreas and peritoneum**Prof. dr R. Janković |
| Mar 28, Thu | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 12**Histopathological features of liver diseases**Prof. dr N. Tomanović & assistants Lj. Simić and A. M. Tomić Lab. tech. D. Tomić |
| APRIL |
| Apr 4, Thu | 16-19 | SLIDE SEMINAR**Pathology of the liver and biliary tract**Prof. dr N. Tomanović |
| Apr 11, Thu | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 13**Histopathological features of CNS diseases**Prof. dr E. Manojlović Gačić & assistants M. Jovanović and M. MihajlovićLab. tech. M. Krstić |
| Apr 18, Thu | 16-19 | SLIDE SEMINAR**Neuropathology**Prof. dr E. Manojlović Gačić |
| Apr 25, Thu | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 14**Histopathological features of renal diseases** Prof. dr S. Radojević Škodrić & assistants J. Jevtić and Lj. SimićLab. tech. D. Ćurčić |
| MAY |
| May 9, Thu | 16-19 | SLIDE SEMINAR**Nephropathology**Prof. dr S. Radojević Škodrić |

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| May 16, Thu | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 15**Histopathological features male and female genital tract diseases**Doc. dr Danilo Obradović & assistants I. Filipović and M. ĐuknićLab. tech. V. Luković |
| May 23, Thu | 16-19 | SLIDE SEMINAR**Male and female genital tract**Doc. dr Danilo Obradović |
| May 30, Thu | 14-17 | MICROSCOPIC SLIDE DEMONSTRATIONS 16**Histopathological features of hematopoietic diseases**Prof. dr T. Terzić & assistants Lj. Simić and I. FilipovićLab. tech. D. Pekić |
| JUNE |
| Jun 6, Thu | 14-17**Two practicals\*** | SLIDE SEMINAR**Pathology of the hematopoietic system**Prof. dr T. Terzić |
| MICROSCOPIC SLIDE DEMONSTRATIONS 17**Slide review V&VI semester & signatures**Prof. dr N. Tomanović & assistants M. Jovanović and A.M. Tomić Lab. tech. G. Martić |

\*Group I: Microscopic slide demonstration 14-15.30, Slide seminar 16-17.30

 Group II: Microscopic slide demonstration 15.30-17, Slide seminar 17.30-19

**PRACTICALS – MICROSCOPIC SLIDE DEMONSTRATION**

**VI SEMESTER**

**VIII Histopathological features of endocrine glands and breast diseases**

54. Nodular goiter

55. Hashimoto thyroiditis

56. Papillary thyroid carcinoma

57. Medullary thyroid carcinoma

58. Pheochromocytoma

59. Fibrocystic breast changes

60. Fibroadenoma

61. Ductal invasive carcinoma of the breast

**IX Histopathological features of skin lesions**

84. Common melanocytic nevus

85. Seborrheic keratosis

86. Dermatofibroma

87. Skin hemangioma

88. Malignant melanoma

89. Squamous cell carcinoma of the skin

90. Basal cell carcinoma of the skin

**X Histopathological features of hematopoietic diseases**

79. Follicular hyperplasia of the lymph node

80. Hodgkin lymphoma

81. Small lymphocyte lymphoma

82. Diffuse large B-cell lymphoma

83. Burkitt lymphoma

**XI Histopathological features of gastrointestinal diseases**

42. Pleomorphic adenoma of the salivary gland

43. Chronic gastritis

44. Gastric adenocarcinoma

45. Gastric peptic ulcer

46. Chronic ulcerative colitis

47. Colonic adenocarcinoma

48. Pancreatic carcinoma

**XII Histopathological features of liver diseases**

49. Cholestasis

50. Liver with a metastatic gastric adenocarcinoma

51.Acute viral hepatitis

52. Liver cirrhosis

53. Hepatocellular carcinoma

**XIII Histopathological features of CNS diseases**

101. Hypertensive cerebral hemorrhage

102. Cerebral infarction

103. Purulent leptomeningitis

104. Tuberculous leptomeningitis

105. Viral encephalitis

106. Meningioma

107. Glioblastoma multiforme

**XIV Histopathological features of renal diseases**

62. Purulent pyelonephritis

63. Acute poststreptococcal proliferative glomerulonephritis

64. Diabetic nephropathy

65. Papillary transitional cell (urothelial) carcinoma of the bladder

66. Renal cell carcinoma

67. Wilms tumor

**XV Histopathological features of male and female genital tract diseases**

69. Subacute purulent epididymitis

70. Seminoma

71. Prostatic hyperplasia

72. Ectopic Fallopian tube pregnancy

73. Simple endometrial hyperplasia without atypia

74. Endometrial adenocarcinoma

75. Serous ovarian cystadenoma

76. Hydatidiform mole

77. Mucinous ovarian adenocarcinoma

78. Mature teratoma