**PATHOLOGY 2024/2025 SCHEDULE**

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

**V SEMESTER (Oct 1, 2024 – Jan 17, 2025)**

**LECTURES – V SEMESTER**

Lectures are held in the large classroom at the Dean’s building.

|  |  |  |  |
| --- | --- | --- | --- |
| GENERAL PATHOLOGY | | | |
| OCTOBER | | | |
| Oct 1, Tue | 12-12.45 | Introduction to pathology | Prof. dr N. Tomanović |
|  | 12.45-13.30 | Cellular adaptations | Prof. dr D. Dunđerović |
|  | 13.45-14.30 | Subcellular responses to injury | Prof. dr D. Dunđerović |
| Oct 7, Mon | 12-12.45 | Hyaline change & amyloidosis | Prof. dr D. Dunđerović |
|  | 12.45-13.30 | Disturbances in metabolism of lipids | Prof. dr D. Dunđerović |
| Oct 8, Tue | 12-12.45 | Disturbances of minerals and pigment metabolism | Prof. dr D. Dunđerović |
|  | 12.45-13.30 | Apoptosis & necrosis | Prof. dr D. Dunđerović |
|  | 13.45-14.30 | Inflammation | Doc. dr N. Boričić |
| Oct 14, Mon | 12-12.45 | Inflammation | Doc. dr N. Boričić |
|  | 12.45-13.30 | Inflammation | Doc. dr N. Boričić |
|  | 13.45-14.30 | Healing and repair | Doc. dr N. Boričić |
| Oct 15, Tue | 12-12.45 | Infectious diseases | Doc. dr M. Životić |
|  | 12.45-13.30 | Infectious diseases | Doc. dr M. Životić |
|  | 13.45-14.30 | Infectious diseases | Doc. dr M. Životić |
| Oct 21, Mon | 12-12.45 | Circulatory disorders | Doc. dr I. Savić |
|  | 12.45-13.30 | Circulatory disorders | Doc. dr I. Savić |
|  | 13.45-14.30 | Circulatory disorders | Doc. dr I. Savić |
| Oct 22, Tue | 12-12.45 | Circulatory disorders | Doc. dr I. Savić |
|  | 12.45-13.30 | Circulatory disorders | Doc. dr I. Savić |
| Oct 28, Mon | 12-12.45 | Transplantation | Prof. dr M. Bosić |
|  | 12.45-13.30 | Immunopathology | Prof. dr M. Bosić |
|  | 13.45-14.30 | Immunopathology | Prof. dr M. Bosić |
| Oct 29, Tue | 12-12.45 | Pediatric diseases | Prof. dr M. Bosić |
|  | 12.45-13.30 | Genetic disorders | Prof. dr M. Bosić |
| NOVEMBER | | | |
| Nov 4, 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 5, Tue | 12-12.45 | Neoplasia | Prof. dr D. Brašanac |
|  | 12.45-13.30 | Neoplasia | Prof. dr D. Brašanac |
|  | 13.45-14.30 | Neoplasia | Prof. dr D. Brašanac |
| Nov 12, Tue | 12-12.45 | Neoplasia | Doc. dr M. Prvanović |
|  | 12.45-13.30 | Neoplasia | Doc. dr M. Prvanović |
|  | 13.45-14.30 | Neoplasia | Doc. dr M. Prvanović |
| SPECIAL PATHOLOGY | | | |
| Nov 18, Mon | 12-12.45 | Skeletal system | Prof. dr J. Sopta |
|  | 12.45-13.30 | Skeletal system | Prof. dr J. Sopta |
|  | 13.45-14.30 | Skeletal system | Prof. dr J. Sopta |
| Nov 19, Tue | 12-12.45 | Skeletal system | Prof. dr J. Sopta |
|  | 12.45-13.30 | Soft tissue tumors | Prof. dr J. Sopta |
| **Nov 25, Mon** | **Colloquium I** | | |
| Nov 26, Tue | 12-12.45 | Head and neck | Prof. dr N. Tomanović |
|  | 12.45-13.30 | Organs of special senses | Doc. dr M. Prvanović |
| DECEMBER | | | |
| Dec 2, Mon | 12-12.45 | Cardiovascular system | Prof. dr S. Glumac |
|  | 12.45-13.30 | Cardiovascular system | Prof. dr S. Glumac |
|  | 13.45-14.30 | Cardiovascular system | Prof. dr S. Glumac |
| **Dec 3, Tue** | **Colloquium I repeat** | | |
| Dec 9, Mon | 12-12.45 | Cardiovascular system | Prof. dr S. Glumac |
|  | 12.45-13.30 | Cardiovascular system | Prof. dr S. Glumac |
|  | 13.45-14.30 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
| Dec 10, Tue | 12-12.45 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
|  | 12.45-13.30 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
|  | 13.45-14.30 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
| Dec 16, Mon | 12-12.45 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
|  | 12.45-13.30 | Respiratory system | Prof. dr J. Sopta/S. Glumac |
|  | 13.45-14.30 | Breast pathology | Prof. dr S. Tatić |
| Dec 17, Tue | 12-12.45 | Endocrine system | Prof. dr S. Tatić |
|  | 12.45-13.30 | Endocrine system | Prof. dr S. Tatić |
|  | 13.45-14.30 | Endocrine system | Prof. dr S. Tatić |
| Dec 23, Mon | 12-12.45 | Skin pathology | Prof. dr D. Brašanac |
|  | 12.45-13.30 | Skin pathology | Prof. dr D. Brašanac |
|  | 13.45-14.30 | Skin pathology | Prof. dr D. Brašanac |
| JANUARY | | | |
| Jan 13, Mon | 12-12.45 | Gastrointestinal system | Prof. dr R. Janković |
|  | 12.45-13.30 | Gastrointestinal system | Prof. dr R. Janković |
|  | 13.45-14.30 | Gastrointestinal system | Prof. dr R. Janković |
| Jan 14, Tue | 12-12.45 | Gastrointestinal system | Prof. dr R. Janković |
|  | 12.45-13.30 | Gastrointestinal system | Prof. dr R. Janković |

**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

**PRACTICALS – V SEMESTER**

Microscopy practicals are held at histology classroom at the Institute of Histology.

Seminars are held in the large classroom at the Dean’s building.

In the first week (Oct 2, Oct 16, Oct 30…), Group I (subgroups 1+2) will have microscopy practical while Group II (3+4) will have seminar. In the second week (Oct 9, Oct 23, Nov 6…), groups rotate and Group I (1+2) will have seminar, while Group II (3+4) will have microscopy practical.

|  |  |  |  |
| --- | --- | --- | --- |
| OCTOBER | | | |
| Oct 2, Wed  Oct 9, Wed | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 1  **Histopathological features of basic injury of cells and extracellular matrix**  Prof. dr D. Dunđerović & assistants M. Jovanović and A.M. Tomić  Lab. tech. D. Tomić | |
|  | 14-17 | SLIDE SEMINAR  **Basic pathology of cell and extracellular matrix**  Prof. dr D. Dunđerović | |
| Oct 16, Wed  Oct 23, Wed | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 2  **Histopathological features of inflammation**  Doc. dr N. Boričić & assistants Lj. Simić and I. Petrović  Lab. tech. M. Krstić | |
|  | 14-17 | SLIDE SEMINAR  **Pathology of inflammation and repair**  Doc. dr N. Boričić | |
| Oct 30, Wed  Nov 6, Wed | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 3  **Histopathological features of circulatory disorders**  Doc. dr I. Savić & assistants G. Nikolić and M. Đuknić  Lab. tech. D. Ćurčić | |
| NOVEMBER | | | |
|  | 14-17 | SLIDE SEMINAR  **Pathology of circulatory disorders**  Doc. dr I. Savić | |
| Nov 13, Wed  Nov 20, Wed | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 4  **Histopathological features of benign and malignant tumors**  Doc. dr M. Prvanović & assistants J. Jevtić and I. Filipović  Lab. tech. A. Jovanović | |
|  | 14-17 | SLIDE SEMINAR  **General pathology of neoplasia**  Doc. dr M. Životić | |
| Nov 27, Wed  Dec 4, Wed | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 5  **Histopathological features of bone and joint diseases and soft tissue tumors**  Prof. dr J. Sopta & assistants G. Nikolić and A.M. Tomić  Lab. tech. D. Pekić | |
| DECEMBER | | |
|  | 14-17 | SLIDE SEMINAR  **Pathology of the skeletal system**  Prof. dr J. Sopta |
| Dec 11, Wed  Dec 18, Wed | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 6  **Histopathological features of cardiovascular diseases**  Prof. dr S. Glumac & assistants M. Jovanović and I. Filipović  Lab. tech. M. Milojković |
|  | 14-17 | SLIDE SEMINAR  **Pathology of the cardiovascular system**  Prof. dr S. Glumac |
| Dec 25, Wed  Jan 8, Wed | 14-17 | SLIDE SEMINAR  **Pathology of the respiratory system**  Prof. dr S. Glumac |
| JANUARY | | |
|  | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 7  **Histopathological features of lung diseases**  Prof. dr S. Glumac & assistants J. Jevtić and I. Petrović  Lab. tech. M. Jovanović |
| Jan 15, Wed | 14-18:30  **Group I**  **+**  **Group II** | SLIDE SEMINAR  **Endocrine system and breast pathology**  Prof. dr S. Tatić |
| MICROSCOPIC SLIDE DEMONSTRATIONS  **Slide review V semester & signatures**  Prof. dr N. Tomanović & assistants A.M. Tomić and M. Đuknić  Lab. tech. G. Martić |

**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 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 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)

**VII Histopathological features of cardiovascular diseases**

30. Interstitial myocardial fibrosis

31. Viral myocarditis

32. Benign nephrosclerosis

33. Aortic atherosclerosis

34. Myocardial infarction

**VI SEMESTER (Feb 18, 2025 – June 6, 2025)**

**LECTURES – VI SEMESTER**

|  |  |  |  |
| --- | --- | --- | --- |
| FEBRUARY | | | |
| Feb 24, Mon | 12-12.45 | Pathology of the liver | Prof. dr N. Tomanović |
|  | 12.45-13.30 | Pathology of the liver | Prof. dr N. Tomanović |
|  | 13.45-14.30 | Pathology of the liver | Prof. dr N. Tomanović |
| MARCH | | | |
| Mar 3, Mon | 12-12.45 | Pathology of the biliary tract | Prof. dr N. Tomanović |
|  | 12.45-13.30 | Neuropathology | Prof. dr E. Manojlović Gačić |
|  | 13.45-14.30 | Neuropathology | Prof. dr E. Manojlović Gačić |
| Mar 10, Mon | 12-12.45 | Neuropathology | Prof. dr E. Manojlović Gačić |
|  | 12.45-13.30 | Neuropathology | Prof. dr E. Manojlović Gačić |
|  | 13.45-14.30 | Neuropathology | Prof. dr E. Manojlović Gačić |
| Mar 17, Mon | 12-12.45 | PNS and skeletal muscle diseases | Prof. dr E. Manojlović Gačić |
| **Mar 24, Mon** | **Colloquium II** | | |
| **Mar 31, Mon** | **Colloquium II repeat** | | |
| APRIL | | | |
| Apr 7, Mon | 12-12.45 | Nephropathology | Prof. dr S. Radojević Škodrić/ Doc. dr J. Filipović/ Doc. dr M. Životić |
|  | 12.45-13.30 | Nephropathology | Prof. dr S. Radojević Škodrić/ Doc. dr J. Filipović/ Doc. dr M. Životić |
|  | 13.45-14.30 | Nephropathology | Prof. dr S. Radojević Škodrić/ Doc. dr J. Filipović/ Doc. dr M. Životić |
| Apr 14, Mon | 12-12.45 | Nephropathology | Prof. dr S. Radojević Škodrić/ Doc. dr J. Filipović/ Doc. dr M. Životić |
|  | 12.45-13.30 | Nephropathology | Prof. dr S. Radojević Škodrić/ Doc. dr J. Filipović/ Doc. dr M. Životić |
|  | 13.45-14.30 | Nephropathology | Prof. dr S. Radojević Škodrić/ Doc. dr J. Filipović/ Doc. dr M. Životić |
| Apr 28, Mon | 12-12.45 | Female genital system | Doc. dr D. Obradović |
|  | 12.45-13.30 | Female genital system | Doc. dr D. Obradović |
|  | 13.45-14.30 | Female genital system | Doc. dr D. Obradović |
| MAY | | | |
| May 5, Mon | 12-12.45 | Female genital system | Doc. dr D. Obradović |
|  | 12.45-13.30 | Male genital system | Prof. dr S. Radojević Škodrić/Doc. dr J. Filipović |
|  | 13.45-14.30 | Male genital system | Prof. dr S. Radojević Škodrić/Doc. dr J. Filipović |
| **May 12, Mon** | **Colloquium III** | | |
| **May 19, Mon** | **Colloquium III repeat** | | |
| May 26, Mon | 12-12.45 | Hematopoietic system | Prof. dr T. Terzić |
|  | 12.45-13.30 | Hematopoietic system | Prof. dr T. Terzić |
|  | 13.45-14.30 | Hematopoietic system | Prof. dr T. Terzić |
| JUNE | | | |
| Jun 2, Mon | 12-12.45 | Hematopoietic system | Prof. dr T. Terzić |
|  | 12.45-13.30 | Hematopoietic system | Prof. dr T. Terzić |

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

Colloquium II topics: Skeletal system, Head and neck, Organs of special senses, Cardiovascular system, Respiratory system, Endocrine system and breast, Skin

Colloquium III topics: Gastrointestinal system, Liver and hepatobiliary system, Neuropathology, Nephropathology, Male and female genital system

**PRACTICALS – VI SEMESTER**

|  |  |  |
| --- | --- | --- |
| FEBRUARY | | |
| Feb 20, Thu  Feb 27, Thu | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 8  **Histopathological features of endocrine system and breast pathology**  Prof. dr S. Tatić & assistants A.M. Tomić and I. Filipović  Lab. tech. D. Tomić |
|  | 14-17 | SLIDE SEMINAR  **Pathology of the skin**  Prof. dr D. Brašanac |
| MARCH | | |
| Mar 6, Thu  Mar 13, Thu | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 9  **Histopathological features of skin lesions**  Prof. dr D. Brašanac & assistants M. Jovanović and I. Petrović  Lab. tech. M. Krstić |
|  | 14-17 | SLIDE SEMINAR  **Gastrointestinal system, pancreas and peritoneum**  Prof. dr R. Janković |
| Mar 20, Thu  Mar 27, Thu | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 10  **Histopathological features of gastrointestinal diseases**  Prof. dr R. Janković & assistants J. Jevtić and M. Đuknić  Lab. tech. D. Ćurčić |
|  | 14-17 | SLIDE SEMINAR  **Pathology of the liver and biliary tract**  Prof. dr N. Tomanović |
| APRIL | | |
| Apr 3, Thu  Apr 10, Thu | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 11  **Histopathological features of liver diseases**  Prof. dr N. Tomanović & assistants A. M. Tomić and I. Filipović  Lab. tech. A. Jovanović |
|  | 14-17 | SLIDE SEMINAR  **Neuropathology**  Prof. dr E. Manojlović Gačić |
| Apr 17, Thu  Apr 24, Thu | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 12  **Histopathological features of CNS diseases**  Prof. dr E. Manojlović Gačić & assistants J. Jevtić and M. Jovanović  Lab. tech. D. Pekić |
|  | 14-17 | SLIDE SEMINAR  **Nephropathology**  Prof. dr S. Radojević Škodrić |
| MAY | | |
| May 8, Thu  May 15, Thu | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 13  **Histopathological features of renal diseases**  Prof. dr S. Radojević Škodrić & assistants M. Đuknić and I. Petrović  Lab. tech. M. Milojković |
|  | 14-17 | SLIDE SEMINAR  **Male and female genital tract**  Doc. dr Danilo Obradović |
| May 22, Thu | 15:30-18:30 | MICROSCOPIC SLIDE DEMONSTRATIONS 14  **Histopathological features male and female genital tract diseases**  Doc. dr Danilo Obradović & assistants J. Jevtić and M. Đuknić  Lab. tech. M. Jovanović |
| May 29, Thu | 14-17 | SLIDE SEMINAR  **Pathology of the hematopoietic system**  Prof. dr T. Terzić |
| JUNE | | |
| Jun 5, Thu | 15:30-18:30  **Group I**  **+**  **Group II** | MICROSCOPIC SLIDE DEMONSTRATIONS 15  **Histopathological features of hematopoietic diseases**  Prof. dr T. Terzić & assistants Lj. Simić and I. Filipović  Lab. tech. D. Tomić |
| MICROSCOPIC SLIDE DEMONSTRATIONS  **Slide review V&VI semester & signatures**  Prof. dr N. Tomanović & assistants M. Jovanović and A.M. Tomić  Lab. tech. G. Martić |

**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 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

**XI Histopathological features of liver diseases**

49. Cholestasis

50. Liver with a metastatic gastric adenocarcinoma

51.Acute viral hepatitis

52. Liver cirrhosis

53. Hepatocellular carcinoma

**XII 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

**XIII 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

**XIV 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

**XV 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