

Pathomorphology 2025/26

Welcome to the Pathology Department ! We are student-friendly :)

Department of Pathomorphology
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Your teachers:

Curricular affairs: Adjunct Magdalena Bogdańska MD, PhD, Consultant in Pathology
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Karol Kulbaka MD :

RECOMMENDED BOOK:

- **Robbins – Basic Pathology, 10th edition**

LECTURES : on Fridays, 2.15 p.m., online

First lecture : 17.10.2025

Plan of the lectures: in the Department

**2nd semester – “MORNING “ SEMINARS and CLASSES (two weeks for each group)
The end of March, April and/or May 2026 in the Department**

...?... of June or July 2026 FINAL EXAM (MCQ)

**ATTENDANCE IN ALL CLASSES IS OBLIGATORY!
(POSSIBLE 3 JUSTIFIED ABSENCES within both semesters)**

CLASSES: Department of Pathology, Pawińskiego 3B Room 2.01 (the highest floor)

1. Hemodynamic disorders. 6.10 – 9.10.2025

Monday classes will take place on Friday 10th of Oct, in lecture hours (2.15 – 4.00pm), online, on the Teams platform)

- 1 Recent brain haemorrhage
- 2 Inveterated (old) brain haemorrhage
- 3 Chronic passive liver congestion (“nutmeg liver”)
- 4 Pulmonary brown induration
- 5 Pulmonary oedema

2. Hemodynamic disorders, thrombosis, atherosclerosis. 13.10 – 16.10.2025

17.10.25 first lecture: introduction

- 1 Organized thrombus
- 2 Pulmonary bone marrow embolism
- 3 Pulmonary haemorrhagic infarct
- 4 Fresh ischaemic infarct (heart)
- 5 Coronary atherosclerosis

3. Regressive lesions: Cell injury (atrophy) and adaptation. Amyloidosis. 20.10 - 23.10.2025;

24.10. Lecture: amyloidosis

- 1 Pulmonary emphysema
- 2 Osteoporosis
- 3 Lipomatous atrophy of pancreas
- 4 Renal amyloidosis
- 5 Hepatic amyloidosis

4. Regressive lesions: cell death, intracellular accumulations. 27.10 – 30.10.25

31.10.25 Lecture: degeneration

- 1 Fatty liver
- 2 Haemochromatosis (liver)
- 3 Caseous necrosis (tbc)
- 4 Enzymatic necrosis of pancreatic fat tissue (Balser type)
- 5 Apoptosis (viral hepatitis)

. Test 1 (MCQ), 24 questions: Hemodynamic disorders and regressive lesions 14.11.2025, 2.15 pm Didactic Centre

What You should read : Robbins Basic Pathology 9th edition

Chapter 1 Cell injury...

Chapter 3 Hemodynamic disorders

In chapter 4: amyloidosis pages 153-158

In chapter 6: Diseases caused by single gene defect, pages 218-234; cystic fibrosis, pages 223-227

In chapter 9: Blood vessels, atherosclerosis, hypertensive vascular disease, aneurysms, vasculitis,
pages 327-356

In chapter 12: emphysema, pages 463-468

In chapter 15: metabolic and inherited liver diseases (fatty liver, Wilson disease, circulatory disorders) pages
621-634

In chapter 20: osteoporosis pages 768 - 772; gout pages 786-789

or

Robbins Basic Pathology 10th edition

Chapter 1 The cell....

Chapter 2 Cell Injury....

Chapter 4 Hemodynamic disorders

In chapter 10: pages 361 -391

In chapter 13: pages 495 -501 (emphysema)

In chapter 16: pages 637 -642 and pages 652 – 659 and 666-668

In chapter 21 : pages 797 – 803 (bone structure, function, congenital and metabolic disorders), and pages 823 – 826 (gout)

Lectures and all slides presented during classes

6. Tissue repair 3.11 - 6.11.2025 7.11.25 Lecture: neoplasms - introduction

- 1 Myocardial hypertrophy
- 2 Granulation
- 3 Intestinal metaplasia of gastric mucosa
- 4 Dysplasia of squamous epithelium
- 5 Prae-invasive carcinoma
- 6 Squamous cell carcinoma

10.11 – 13.11.2025 no classes ! 14.11.25 – test 1 NO LECTURE

7. Neoplasms 17.11 – 20.11.2025 21.11.2025 - no lecture - test 1 retake

- 1 Papilloma
- 2 Adenoma
- 3 Basal cell carcinoma
- 4 Adenocarcinoma
- 5 Gelatinous adenocarcinoma
- 6 Scirrhous (desmoplastic) carcinoma

8. Neoplasms 24.11 - 27.11.2025 28.11.25 - lecture (STT)

- 1 Leiomyoma
- 2 Lipoma
- 3 Liposarcoma
- 4 Chondrosarcoma
- 5 Meningioma
- 6 Multiforme glioblastoma

9. Neoplasms 1.12 - 4.12.2025 5.12.25 - lecture (Melanoma)

- 1 Osteosarcoma
- 2 Giant cell tumor of the bone
- 3 Ewing's tumour
- 4 Multiple myeloma
- 5 Pigmented naevus
- 6 Skin melanoma

10. Neoplasms 8.12 – 11.12.2025 12.12.25 - lecture (Lymphomas)

- 1 Lymphocytic lymphoma
- 2 Myelocytic leukemia (in the liver)
- 3 Hodgkin's disease
- 4 Metastasis of carcinoma in a lymph node
- 5 Neoplastic cells in pleural effusion

15.12 – 18.12.2025 NO CLASSES ;

11. Test 2 (MCQ) 19.12.25 Tissue repair (regeneration, healing and fibrosis), neoplasia

Robbins Basic Pathology 9th edition

Chapter 2: Tissue repair: pages 58 - 72

Chapter 5: Neoplasia

Chapter 6: Genetic diseases: pages 215 - 244

Chapter 11: Hematopoietic and lymphoid system

In chapters 20, 21, 22, 23: brain, bone, soft tissue and skin **tumors**

Robbins Basic Pathology 10th edition

In chapter 3: Tissue repair: regeneration, healing and fibrosis – pages 87 - 95

Chapter 6: Neoplasia

In chapter 7: Genetic diseases

Chapter 12: The hematopoietic and lymphoid system

In chapters 21, 22, 23: brain, bone, soft tissue and skin : **tumors only**
and **lectures and all slides presented during classes**

7.01 – 9.01.25 NO CLASSES 10.01.25 – Test 2 retake (NPL)

12. Inflammation **5.01.2025 - 8.01.2026** **9. 01.26 lecture**

- 1 Fibrinous pericarditis
- 2 Purulent hepatitis (abscess)
- 3 Purulent appendicitis (phlegmon)
- 4 Chronic cholecystitis
- 5 Pulmonary miliary tuberculosis

13. Inflammation **20.01 - 23.01.2026** **16.01.26 test 2 retake**

- 1 Rheumatic endocarditis
- 2 Pneumocystis carinii pneumonia
- 3 Cytomegalic pneumonia
- 4 Aspergillosis
- 5 Actinomycosis

19.01 - 22.01.26 no classes

14 . 23.01.2026 Test 3 (MCQ) Inflammation

Robbins Basic Pathology 9th edition

Chapter 2 Acute and chronic inflammation, pages 29 - 57

Chapter 4 Diseases of the immune system

Chapter 8 General pathology of infectious diseases

In chapter 10: Heart - valvular heart disease

In chapter 12: Lung - tuberculosis and opportunistic diseases

or

Robbins Basic Pathology 10th edition

In chapter 3: Acute and chronic inflammation

Chapter 5 Diseases of the immune system

Chapter 9 General pathology of infectious diseases

In chapter 11: The heart: rheumatic valvular disease pages 422-429

In chapter 13: (lung) : chronic pneumonia (tbc and opportunistic diseases) pages 526-537

Test 3 retake: 20.02.2026

- 1 Pheochromocytoma
- 2 Colloid goiter
- 3 Parenchymal (hyperplastic) goiter
- 4 Thyroid gland adenoma
- 5 Thyroid gland carcinoma (hist. and cytol. smear)
- 6 Hashimoto thyroiditis (hist and cytol. smear)

16. The heart and respiratory system 23.02 – 26.02.26 27.02.26 lecture (Lung cancer)

- 1 Fresh myocardial infarct
- 2 Healed myocardial infarct
- 3 Lobar pneumonia
- 4 Non small cell lung cancer
- 5 Small cell lung cancer

2 – 5.03.26 no classes

17. 6.03.20256 Test 4 (MCQ) The heart, lung and upper respiratory tract; endocrine system

Robbins 9th edition

- Chapter 10 Heart
- Chapter 12 Lung
- Chapter 19 Endocrine system (except diabetes)

Robbins 10th edition

- Chapter 11 Heart
- Chapter 13 Lung
- Chapter 20 Endocrine system (except diabetes)

18. Oral cavity and gastrointestinal tract 9.03 – 12.03.2026

13.03.25 test 4 retake, no lecture

- 1 Pleomorphic adenoma of salivary gland
- 2 Chronic gastric ulcer
- 3 Gastric cancer
- 4 Ileitis terminalis Crohn
- 5 Colonic adenocarcinoma

19. The liver

16.03 – 19.03.2026

20.03.26 - lecture

- 1 Acute viral hepatitis
- 2 Hepatic cirrhosis
- 3 Hepatocellular carcinoma
- 4 Chronic pancreatitis
- 5 Gallbladder carcinoma

23 – 26.03.26 no classes

20. Test 5 (MCQ) 27.03.26 - GI tract, liver and biliary tract, pancreas

Robbins 9th edition

- Chapter 14 Oral cavity and gastrointestinal tract
- Chapter 15 Liver, gallbladder and biliary tract
- Chapter 16 Pancreas

Robbins 10th edition

- Chapter 15 Oral cavity and gastrointestinal tract
- Chapter 16 Liver, gallbladder and biliary tract
- Chapter 17 Pancreas

21. Genital system 13.04 - 16.04.26 17.04.2026 test 5 retake
1 Benign prostatic hyperplasia
2 Prostatic adenocarcinoma
3 Koilocytosis
4 Praeinvasive carcinoma of uterine cervix
5 Invasive squamous cell carcinoma

22. Genital system 23.04 – 26.04.26 27.04.26 lecture
1 Adenomyosis
2 Endometrial glandular hyperplasia
3 Endometrial adenocarcinoma
4 Hydatidiform mole
5 Chorionepithelioma

27.04. - 30.04.26 holidays

23. Genital system 4.05.26 - 7.05.26 8.05.26 - lecture
1 Mammary benign fibrocystic change
2 Mammary fibroadenoma
3 Mammary carcinoma NOS
4 Ovarian dermoid cyst
5 Granulosa cell tumor
6 Testicular seminoma

24. The kidney 11.05.25 – 14.05.26 15.05 .26 - lecture
1 Acute glomerulonephritis
2 Chronic glomerulonephritis
3 Chronic pyelonephritis
4 Diabetic glomerulopathy
5 Urothelial cell carcinoma
6 Clear cell renal carcinoma

18- 21.05.26 no classes

25. Test 6 MCQ 22.05.26 Male and female genital system, kidney and its collecting system

26. 29.05.26 Test 6 retake , 1.06 – 12.06.26 commissions

FINAL EXAM - June or July 2026 Good luck!