

Pathology Lectures English Medicine

2023/2024 1st Semester

General Pathology

Arányi Lajos Lecture Hall, 1st floor

Monday: 10⁰⁰-11¹⁰

Wednesday: 8⁰⁰-9¹⁰

Introduction, Signs of Death, Morphology of Cell and Tissue Injury, Degenerations

04 Sept	Matolcsy	The place and role of Pathology in the Medicine. Structure of pathology and methods
06 Sept	Matolcsy	Definition of Death, Signs of Death, Necrosis and Apoptosis.
11 Sept	Matolcsy	Examples of Necrosis. Myocardial Infarction.
13 Sept	Kiss	Reversible Cell Injury

Growth disturbances, Abnormal Accumulation, Pigments, Pathologic Calcification.

18 Sept	Matolcsy	Lipid accumulation, Atherosclerosis, Protein accumulation, Amyloidosis.
20 Sept	Matolcsy	Cellular adaptations: Hypertrophy, Hyperplasia, Atrophy, Metaplasia
25 Sept	Matolcsy	Endogeneous and Exogeneous Pigments, Calcification, Lithiasis

Hemodynamic Disorders, Thrombosis, and Shock

27 Sept	Matolcsy	Hemorrhage
02 Oct	Matolcsy	Thrombosis, Embolism, DIC
04 Oct	Zalatnai	Stagnation, oedema, shock

Inflammation

09 Oct	Scheich	Acute inflammation and sepsis
11 Oct	Dezső	Chronic Inflammation and Tissue Repair: Regeneration, Healing, and Fibrosis

Diseases of the Immune System

16 Oct	Matolcsy	Mechanisms of Immune-Mediated Injury
18 Oct	Matolcsy	Immune deficiency Diseases. Rejection of Transplants
25 Oct	Matolcsy	Autoimmune Diseases

Genetics

30 Oct	Bödör	Molecular pathology methods/Mutations and clinical manifestations
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Neoplasia

06 Nov	Matolcsy	Characteristics of Benign and Malignant Neoplasms
08 Nov	Matolcsy	Carcinogenesis, Etiology of Neoplasia
13 Nov	Matolcsy	Ability to Invade and Metastasize
15 Nov	Bödör	Targeted diagnosis and treatment of cancer
20 Nov	Matolcsy	Preneoplastic Disorders

Pediatric

22 Nov	Kiss	Pediatric diseases (congenital and prenatal diseases, childhood tumors)
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Diseases of the heart and the cardiovascular system

27 Nov	Matolcsy	Anomalies of cardiac development, ISZB
29 Nov	Matolcsy	Diseases of endocardium, myocardium, pericardium
04 Dec	Fintha	Vascular pathology

Environmental and Nutritional Diseases

06 Dec	Rác	Effects of tobacco. Injury by Drugs and Drugs of Abuse. Effect of alcohol. Obesity
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