

LECTURES IN PATHOLOGY

3rd year, General Medicine (course in English), winter semester 2024/2025

Lecture Hall of the Sikl's Department of Pathology, University Hospital - Bory
Thursday 11:45-14:15

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| 1st week | 03.10. | Introduction to Pathology. Cell injury and cell death | <i>Prof. Dr. O. Daum, Ph.D.</i> |
| 2nd week | 10.10. | Cell adaptations (hypertrophy, hyperplasia, atrophy, metaplasia, intracellular accumulations, pathologic calcification, stones). Tissue repair (Cell cycle, regeneration, fibrosis). | <i>Prof. Dr. O. Daum, Ph.D.</i> |
| 3rd week | 17.10. | Hemodynamic disorders (hemostasis, thrombosis, embolia, hemorrhage, hyperemia, congestion, edema, infarction, shock). | <i>Prof. Dr. O. Daum, Ph.D.</i> |
| 4th week | 24.10. | Acute and chronic inflammation. Local and systemic inflammation. SIRS. Sepsis. | <i>Doc. Dr. K. Michalová, Ph.D.</i> |
| 5th week | 31.10. | Genetic, environmental, nutritional and infectious etiology of diseases | <i>Doc. Dr. K. Pivovarčíková, Ph.D.</i> |
| 6th week | 07.11. | Embryofetoperinatoneonatopathology | <i>Dr. M. Daumová, Ph.D.</i> |
| 7th week | 14.11. | Neoplasia (molecular oncology, classification, grading, staging, paraneoplastic syndromes) | <i>Prof. Dr. A. Skálová, CSc.</i> |
| 8th week | 21.11. | Diseases of the immune system (normal immune responses, hypersensitivity disorders, rejection, autoimmune diseases, immune deficiency diseases, amyloidosis) | <i>Doc. Dr. K. Pivovarčíková, Ph.D.</i> |
| 9th week | 28.11. | Pathology of GIT | <i>Prof. Dr. O. Daum, Ph.D.</i> |
| 10th week | 05.12. | Pathology of the cardiovascular system | <i>Prof. Dr. A. Skálová, CSc.</i> |
| 11th week | 12.12. | Pathology of liver, biliary tree and pancreas | <i>Prof. Dr. O. Daum, Ph.D.</i> |
| 12th week | 19.12. | Pathology of endocrine system | <i>Prof. Dr. O. Daum, Ph.D.</i> |
| 13th week | ONLY MOODLE | Pathology of lung, pleura and mediastinum | <i>Dr. B. Vaňková, Ph.D.</i> |

In Plzen, 1.9. 2024

Prof. MUDr. Alena Skálová, CSc.