



**Accepted, Departmental Council  
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## **PRACTICALS IN CLINICAL IMMUNOLOGY FOR MEDICAL STUDENTS**

VIII (summer) term 2023/2024 academic year

1. Examination of humoral immune response. Assessment of changes in humoral parameters and their interpretation.
2. Examination of cell-mediated immune response. Assessment of changes in cellular immune parameters and their interpretation.
3. Immunological examination of primary and secondary immune deficiencies. Presentation of clinical cases.
4. **Test on practicals 1, 2, 3.** Allergic tests – types, application, interpretation. Presentation of clinical cases in allergic diseases.
5. Immune tests for detection of autoantibodies in organ-specific autoimmune diseases. Presentation of clinical cases.
6. Immune tests for detection of autoantibodies in systemic rheumatic diseases. Algorithym for immunological examination. Presentation of clinical cases on systemic autoimmune diseases.
7. **Test on practicals 4 and 5.** Immunological diagnostics of tumors. Presentation of clinical cases.
8. Examination of tissue and blood-borne histocompatibility. Serological, cellular and molecular methods for HLA typing.
9. **Seminar.**

Prof. Dr. M. Murdjeva, MD, PhD  
Head of Dept. Medical microbiology and  
immunology „Prof. Dr. Elissay Yanev“