**Teaching unit 12**

1. Disorders of innate immunity
2. Disorders in the maturation of lymphocytes: severe combined immunodeficiency
3. Disorders in the maturation of lymphocytes: selective deficiency of B lymphocytes.
4. Disorders of lymphocyte activation and function: disorders in B cell response.
5. Disorders of lymphocyte activation and function: disorders in T cell response.
6. HIV - virion structure, genome structure, replication
7. Entering in human cells and replication of HIV
8. HIV – latency and reactivation of infection
9. How does HIV evade the host's immune response?
10. AIDS - definition, epidemiological characteristics, transmission
11. Acute HIV infection and progression - manifestations
12. Clinical manifestations of AIDS: lung and GIT infections, oncological and neurological manifestations
13. Clinical manifestations of AIDS: mycobacterial and fungal infections, infections of the nervous system, direct manifestations of HIV infection
14. Diagnosis of HIV infection
15. Treatment and prevention of HIV infection