**Teaching unit 05**

1. Main characteristics of cellular immunity. Phases of the T-cell response
2. Antigen recognition within the molecules of the major histocompatibility complex
3. The role of adhesive molecules in the activation of T lymphocytes
4. Costimulatory molecules and their physiological significance. Name the most important ligand-receptor pairs involved in the co-stimulation of T lymphocytes
5. Basic properties of cytokines. The role of IL-2 and the receptor for IL-2 in the proliferation of T lymphocytes
6. Adjuvants
7. Classical and alternative macrophage activation
8. Stimuli for the activation of CD8+ T lymphocytes
9. Development of effector Th lymphocytes
10. Development of memory T lymphocytes.
11. Weakening of the immune response
12. Types of cellular immunity and types of intracellular infections