**Teaching unit 01**

1. Importance of the immune system in health and disease
2. Principal mechanisms of innate and adaptive immunity
3. Types of adaptive immunity
4. Active and passive immunity
5. Properties of adaptive immune responses: specificity and diversity
6. Properties of adaptive immune responses: memory and other features of adaptive immunity
7. Cells of the adaptive immune system: lymphocytes
8. Stages in the life history of lymphocytes
9. Antigen-presenting cells
10. Tissues of the immune system
11. Lymph nodes and spleen
12. Cutaneous and mucosal immune system. Segregation of T and B lymphocytes in different regions of peripheral lymphoid organs