**Teaching unit 12**

1. General characteristics of inflammation
2. Factors affecting the development of chronic inflammation
3. The link between inflammation and tumors. Acute and chronic inflammation
4. Immune surveillance
5. Chronic inflammation and carcinogenesis
6. Mechanisms of tumor development in the inflammatory microenvironment
7. Reactive and oxygen radicals; COXs in carcinogenesis and tumor progression
8. NF-κB in carcinogenesis and tumor progression
9. STAT3 in carcinogenesis and tumor progression
10. Cancer-associated fibroblasts
11. Mast cells
12. Dendritic cells
13. Granulocytes
14. Tumor-associated macrophages