**Teaching unit 9**

**Questions**

1. Cytokines: overview
2. Cytokines in tumor therapy: basic principles
3. Limitations of cytokine-based tumor immunotherapy
4. Strategies to improve cytokine-based tumor immunotherapy
5. Synergistic combinations of cytokines with other modes of tumor immunotherapy
6. Interferons and their potential for tumor treatment
7. Interferons type I in tumor immunotherapy
8. IFN-γ in tumor immunotherapy
9. IL-2 in tumor immunotherapy
10. IL-15 in tumor immunotherapy
11. IL-12 in tumor immunotherapy
12. Colony-stimulating factors in tumor immunotherapy
13. TNF-α in tumor immunotherapy
14. TGF-β in tumor immunotherapy