Teaching unit 08

1. Mechanisms of direct effect of viruses on tumor development
2. Mechanisms of indirect effects of viruses on tumor development
3. *Papillomaviridae*, the mechanism of oncogenesis
4. Tumors associated with human papillomavirus infections
5. Vaccines for human papillomaviruses
6. Polyoma viruses and tumor development
7. *Merkel cell polyomavirus* and Merkel cell carcinoma
8. *Epstein-Barr virus* and tumors
9. Kaposi's sarcoma herpesvirus and Kaposi's sarcoma
10. Kaposi's sarcoma herpesvirus and lymphoproliferative disorders
11. HTLV1 and CD4+T lymphocyte leukemia
12. Hepatitis B virus and hepatocellular carcinoma
13. Hepatitis C virus and hepatocellular carcinoma
14. Pathogenesis of cell transformation by hepatitis viruses