Teaching unit 14

1. Chemotherapy versus biotherapy. Basic characteristics.

2. Tumor immunotherapy. Basic characteristics.

3. Tumor immunotherapy. Modulation of innate immunity.

4. Tumor immunotherapy. Cytokines.

5. Monoclonal antibodies. Basic characteristics.

6. Method of obtaining monoclonal antibodies.

7. Monoclonal antibodies in tumor immunotherapy. Mechanism of action.

8. Monoclonal antibodies in tumor immunotherapy. Examples.

9. Monoclonal antibodies in tumor immunotherapy. Restrictions on application.

10. LAK cells.

11. TIL cells.

12. Active tumor immunotherapy. Vaccines. Basic principles.

13. Tumor immunotherapy. Dendritic cells. Plasmids.

14. Four categories of tumor vaccines