

Study guide 13

Cancer Biology

1. How are cancer cells different from normal cells?
2. What is monoclonal origin of cancer?
3. What are cancer critical genes (tumor suppressors, oncogenes, tumor initiators/promoters) and typical examples?
4. What is cancer metastasis, how do cancer cells metastasize?
5. Generally understand how cancer initiates and develops.
6. Generally understand the traditional and current cancer therapy.

Stem cells/neuron cells

7. Know the definition of stem cells, categories and typical examples.
8. How ES cell derived and specific tissue stem cells location.
9. Know the categories of nerve cells and their functions
10. What is a typical action potential for neuron?
11. How neurotransmitters are stored and recycled.