

Cell Cycle, Mitosis, Cancer and Stem Cells

Study Guide

1. Know the 3 stages of interphase and the proteins that control it.
2. Know the four stages of Mitosis and what happens in each stage.
3. Be able to recognize the stages of mitosis in picture form.
4. Know the structure of a chromosome.
5. Know ALL of your vocabulary for this unit, even the terms we covered during lecture.
6. Know what cancer is and the possible factors that cause it. Examples!
7. What is apoptosis and blebbing?
8. What is regenerative biology?
9. What is a stem cell? Are there different types? How can they be used?
10. Define "differentiation."
11. Know the types of potency and WHY.
12. Read the ENTIRE Chapter 10.

