Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_

Cell aging and death

1. What can DNA mutations cause to the body?
2. How does oxygen and the mitochondria work together?
3. How does oxygen have a dark side?
4. How can reactivating telomerase be a bad thing, yet a good thing?
5. What did Hermann Steller find out about glial cells, and what can they be used for in the future?
6. What have scientists uncovered about reactive oxygen compounds and aging?
7. What happens when enough molecules are damaged in the cells?
8. What have centenarians discovered about what helps people live longer?
9. What are telomeres? How do they work with the aging process?
10. What is Werner’s Syndrome? What happened to Mary and HOW did that happen?