

Extra Credit Reading
THE IMMORTAL CELL

Name: _____

1. What are human oocytes?
2. How did West and his research team obtain the human oocytes?
3. What is the leathery shell around the human oocyte called?
4. What do *bios* and *zoë* mean in Greek?
5. Why are simple, single celled organisms “potentially immortal?”
6. What was Weismann’s proposal for the aging process?
7. What was Olovnikov’s theory regarding DNA replication and cellular aging?
8. What is a *reverse transcriptase*?
9. What are the “twin components of the immortality enzyme?”
10. What is a teratoma?
11. What did Voronoff do when experimenting with the reversal of cellular aging?
12. How are human embryonic stem cells extracted?

13. What is nuclear transfer?

14. When twins are developed, when does the “individualization” occur?

15. What is one way of treating arteriosclerosis?

16. Did you like this book? Why or why not?

17. What did you learn about the scientific process by reading this book?