

Across:

2. relaxes the tension in the replication fork

- 3. protein denatures DNA at the origin of replication
- 4. untwists DNA
- 5. Meselson and Stahl experiment used heavy isotopes of
- 6. short oligonucleotide to provide 3'OH for DNA polymerase
- 7. DNA polymerase with 5'-3' exonuclease activity
- 9. add several nucleotides and provide 3'OH for DNA pol

10. the model of DNA replication

Down:

- 1. loads the helicase on the DNA
- 6. the exonuclease activity 3'-5' 8. connects the Okazaki fragments
- 10. prevent the reannealing of the DNA strands