Interactomics-Week 10 Assignment

Due on: 2020-04-29, 23:00 IST.

1. What is the term “BRCA-1”?' 7
2. What is the role of BRCA-1 in hereditary breast cancer? 7
3. What is the first step in the BRCA-1 signaling pathway? 7
4. What is the function of the BRCA-1 protein? 7
5. What is the relationship between BRCA-1 and DNA repair? 7
6. What is the significance of the BRCA-1 mutation? 7
7. What is the BRCA-1 protein responsible for? 7
8. Which of the following statements about BRCA-1 is true? 7

A. It prevents the development of breast cancer.
B. It promotes the development of breast cancer.
C. It has no role in breast cancer development.

9. Which of the following statements about BRCA-1 is true? 7

A. It is a transcription factor.
B. It is a hormone receptor.
C. It is a structural protein.

10. Which of the following statements about BRCA-1 is true? 7

A. It is found in all human cells.
B. It is found only in breast cells.
C. It is found only in ovarian cells.

11. What is the role of BRCA-1 in DNA repair? 7

A. It promotes DNA replication.
B. It repairs DNA damage.
C. It enhances DNA transcription.

12. What is the function of the BRCA-1 protein? 7

A. It helps to maintain chromosome stability.
B. It promotes cell division.
C. It increases cell proliferation.

13. What is the significance of the BRCA-1 mutation? 7

A. It increases the risk of developing breast cancer.
B. It decreases the risk of developing breast cancer.
C. It is beneficial for health.

14. What is the role of BRCA-1 in DNA repair? 7

A. It prevents DNA damage.
B. It repairs DNA damage.
C. It promotes DNA replication.

15. Which of the following statements about BRCA-1 is true? 7

A. It is a tumor suppressor gene.
B. It is a oncogene.
C. It is a regulatory gene.

16. What is the relationship between BRCA-1 and DNA repair? 7

A. BRCA-1 is involved in DNA repair.
B. BRCA-1 promotes DNA replication.
C. BRCA-1 inhibits DNA repair.

17. What is the role of BRCA-1 in DNA repair? 7

A. It promotes DNA repair.
B. It repairs DNA damage.
C. It enhances DNA transcription.

18. What is the significance of the BRCA-1 mutation? 7

A. It increases the risk of developing breast cancer.
B. It decreases the risk of developing breast cancer.
C. It is beneficial for health.

19. What is the role of BRCA-1 in DNA repair? 7

A. It prevents DNA damage.
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20. What is the function of the BRCA-1 protein? 7

A. It helps to maintain chromosome stability.
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