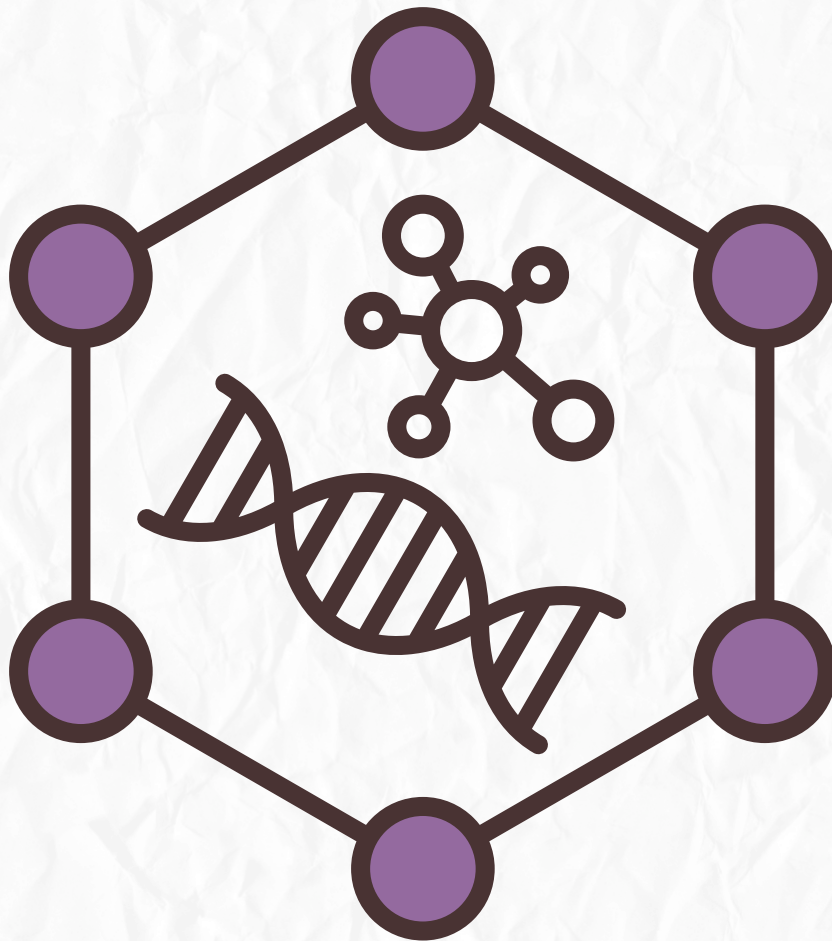


Molecular genetics

Quiz time



Lec 6

Done by : Bashar Alzyoud

1. Telomeres are:

- A. Proteins
- B. RNA
- C. Repetitive DNA sequences
- D. Enzymes

Answer: C

2. Telomere sequence is:

- A. A TCG
- B. TTAGGG
- C. CGTA
- D. GGGAAA

Answer: B

3. Main function of telomeres:

- A. Replication
- B. Protection of chromosome ends
- C. Transcription
- D. Translation

Answer: B

4. End replication problem occurs because:

- A. No A TP
- B. DNA polymerase limitation
- C. No enzymes
- D. Mutation

Answer: B

5. Telomerase is:

- A. DNA enzyme
- B. RNA enzyme
- C. Ribonucleoprotein
- D. Protein

Answer: C

6. Telomerase activity is high in:

- A. Somatic cells
- B. Germ cells
- C. Skin
- D. Muscle

Answer: B

7. Telomere shortening leads to:

- A. Immortality
- B. Senescence
- C. Mutation
- D. Cancer

Answer: B

8. Telomerase adds:

- A. Proteins
- B. RNA
- C. TTAGGG repeats
- D. Lipids

Answer: C

9. Cancer cells have:

- A. No telomerase
- B. High telomerase
- C. Low DNA
- D. No replication

Answer: B

10. Telomeres act as:

- A. Clock
- B. Enzyme
- C. Hormone
- D. Receptor

Answer: A



سُبْحَانَكَ اللَّهُمَّ وَبِحَمْدِكَ ، أَشْهَدُ أَنْ لَا
إِلَهَ إِلَّا أَنْتَ ، أَسْتَغْفِرُكَ وَأَتُوبُ إِلَيْكَ .