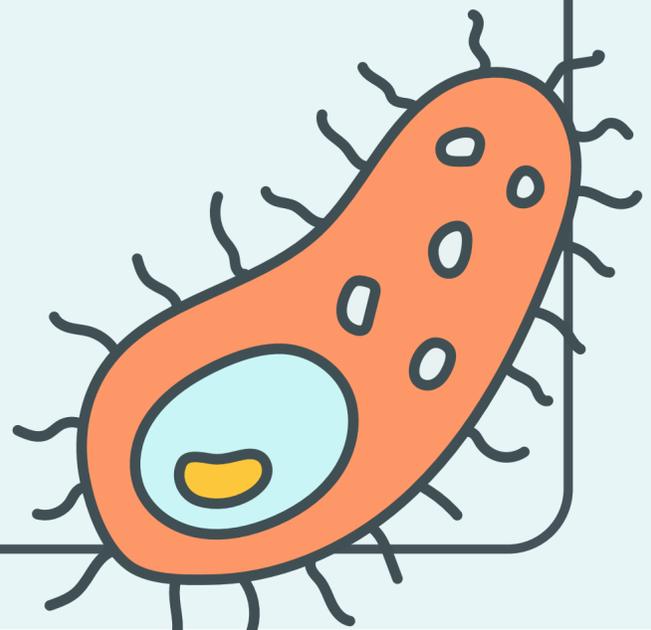
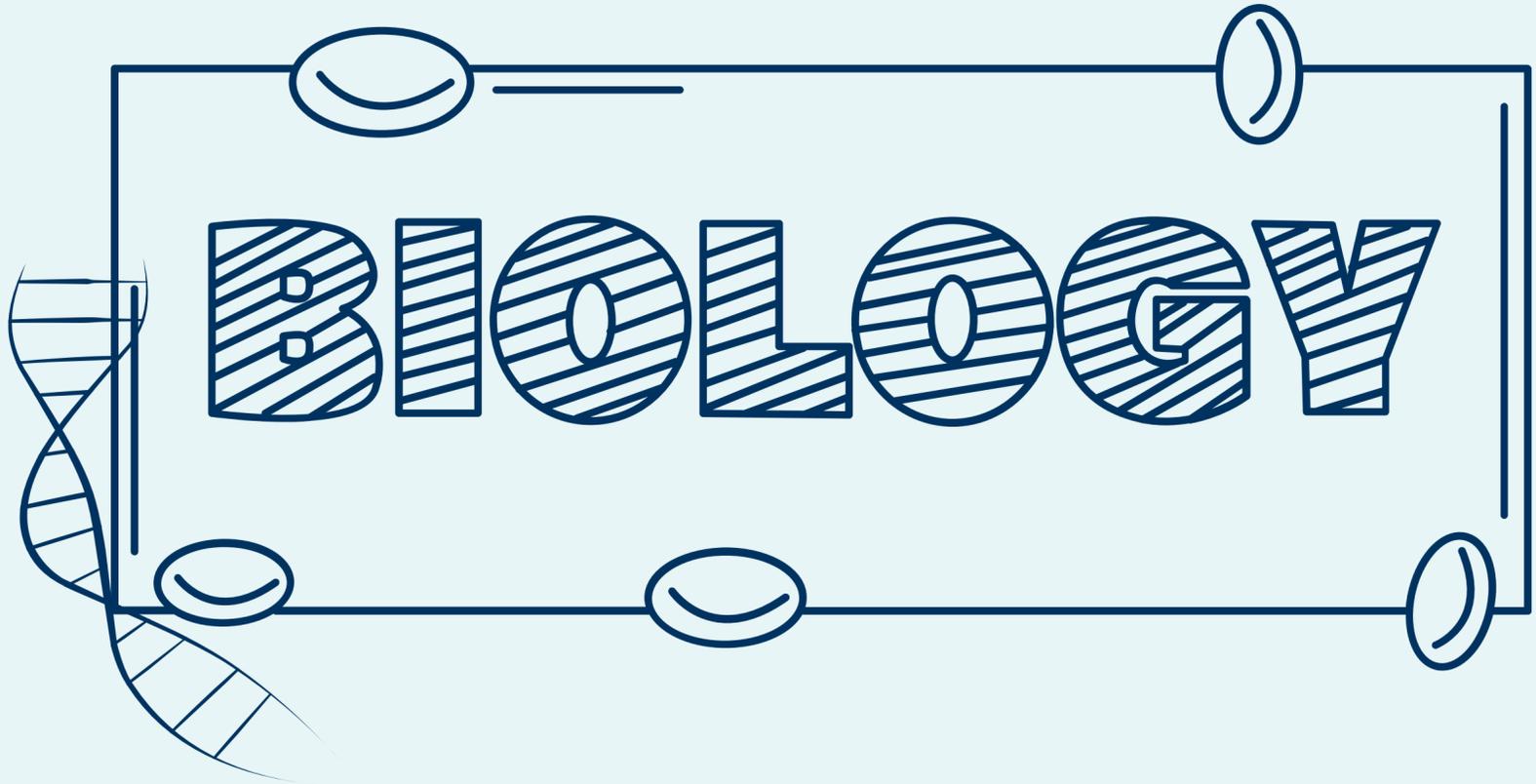


Quiz time

Lec 13



What is the primary function of meiosis?

- A. Cell growth and repair
- B. Production of somatic cells
- C. Production of gametes (sex cells)
- D. Asexual reproduction

Answer: C

Crossing over occurs during:

- A. Prophase II
- B. Prophase I
- C. Metaphase I
- D. Anaphase II

Answer: B

Unequal cytokinesis in oogenesis leads to formation of:

- A. 4 ova
- B. 1 ovum + 3 polar bodies
- C. 2 ova
- D. 3 ova + 1 polar body

Answer: B

Which of the following describes the equatorial division (Meiosis II)?

- A. The division is preceded by S-phase
- B. The division is not preceded by S-phase
- C. Homologous chromosomes are arranged on the equatorial plane
- D. It lasts longer than the reduction division

Answer: B

During Telophase I of meiosis, which of the following occurs?

- A. Homologous chromosomes align at the equatorial plate
- B. Sister chromatids separate and move to opposite poles
- C. Nuclei are reformed and cytokinesis occurs, giving rise to 2 daughter cells, each containing 23 duplicated chromosomes
- D. DNA replication occurs

Answer: C

