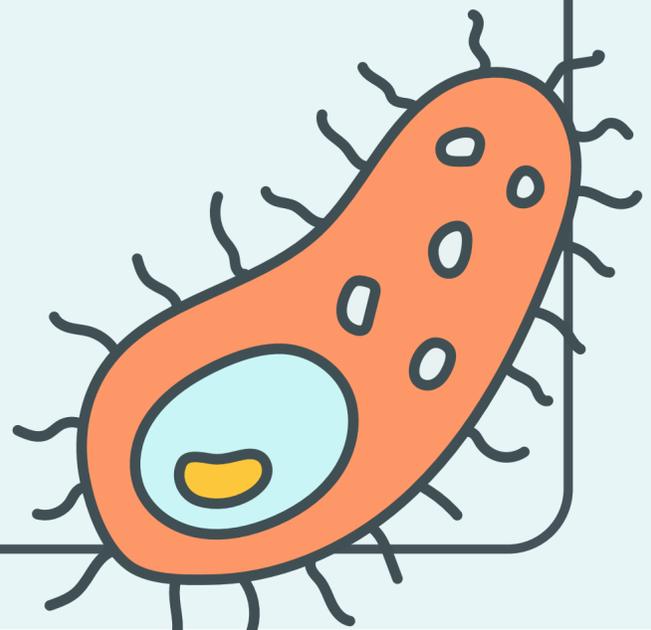
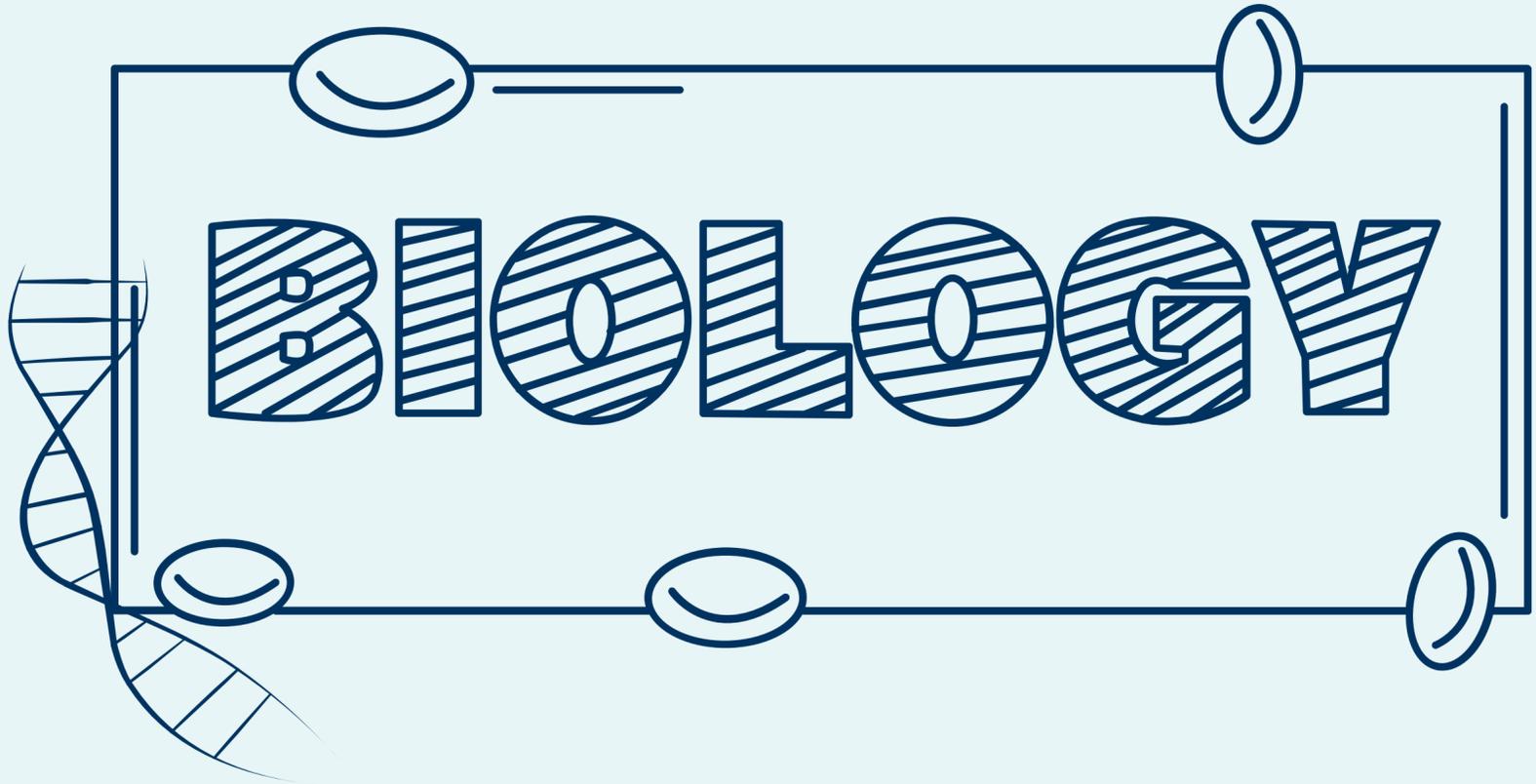


Quiz time

Lec 7



1. Which of the following is a ***membranous*** organelle?

- A) Ribosome
- B) Microtubule
- C) Golgi apparatus
- D) Centriole

Answer:C

2. Which is ***not*** part of the cytoplasm?

- A) Cytosol
- B) Cytoplasmic organelles
- C) Nucleus
- D) Cytoskeleton

Answer:C

3. Cytoplasmic inclusions are:

- A) Permanent active structures
- B) Non-living, temporary storage materials
- C) Always surrounded by a membrane
- D) Responsible for energy production

Answer:B

4. Mitochondria are absent in:

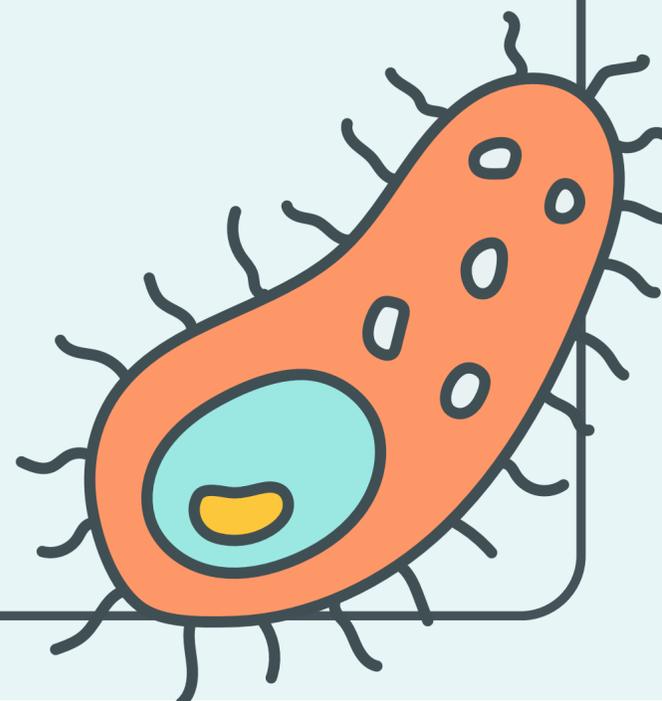
- A) Liver cells
- B) Neurons
- C) Skeletal muscle cells
- D) Mature red blood cells

Answer:D

5. The main function of mitochondria is:

- A) Protein synthesis
- B) Energy (ATP) production
- C) Lipid storage
- D) Cell division

Answer:B



6. Each mitochondrion has:

- A) A single membrane
- B) Two membranes: outer and inner
- C) No membranes
- D) A nuclear envelope

Answer:B

7. The *inner mitochondrial membrane* forms folds called:

- A) Vesicles
- B) Tubules
- C) Cristae
- D) Lamellae

Answer:C

8-The *smooth endoplasmic reticulum (SER)* is abundant in cells that:

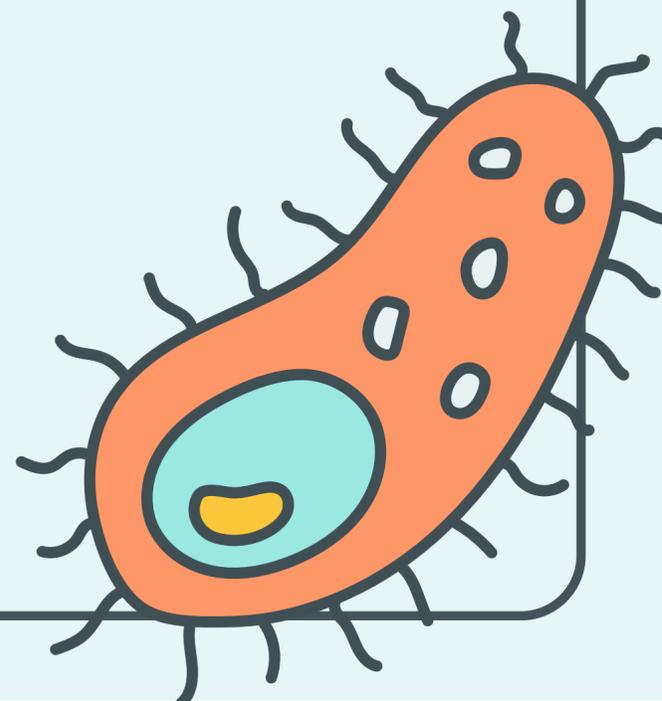
- A) Secrete proteins
- B) Produce lipids and steroid hormones
- C) Store glycogen only
- D) Undergo phagocytosis

Answer:B

9-In liver cells, the SER is involved in:

- A) Protein synthesis
- B) Detoxification and glycogen metabolism
- C) Ribosome formation
- D) ATP production

Answer:B



10-The Golgi apparatus is most developed in:

- A) Non-dividing cells
- B) Blood cells
- C) Secretory cells
- D) Muscle cells

Answer:C

لجنحة

طب الأسنان

جامعة مؤتة

✓ ✓ ✓

يا حي يا قيوم

برحمتك أستغيثُ
أصلح لي شأني كله
ولا تكلني إلى نفسي طرفة عين

✓ ✓ ✓

