

Cell Biology Recall Sheet

A compact retrieval sheet for core cell structures and functions.

Key recall prompts

Cell membrane

Controls movement of substances into and out of the cell.

Cytoplasm

Where many chemical reactions happen.

Nucleus

Contains genetic material and controls many cell activities.

Mitochondria

Site of aerobic respiration in eukaryotic cells.

Ribosomes

Site of protein synthesis.

Retrieval questions

Which structure controls movement into and out of a cell?

Answer: _____

Where are proteins made?

Answer: _____

What is the role of mitochondria?

Answer: _____

What does the nucleus contain?

Answer: _____

Explain one difference between the function of the cell membrane and cytoplasm.

Answer: _____