

Cell Biology

A short lesson to turn into flashcards with source references.

01 Cell membranes

The cell membrane forms the boundary of a cell and regulates the movement of substances into and out of the cell.

02 Genetic information

DNA stores the genetic information of a cell. In eukaryotic cells, most DNA is contained in the nucleus.

03 Making proteins

Ribosomes build proteins by joining amino acids together.

04 Plant cells

Plant cells have a cell wall outside the cell membrane. The cell wall provides structural support.

05 Photosynthesis

In plant cells, photosynthesis takes place in chloroplasts. Chlorophyll absorbs light energy used in photosynthesis.

06 Cellular respiration

Mitochondria are the site of most ATP production during aerobic respiration in eukaryotic cells.