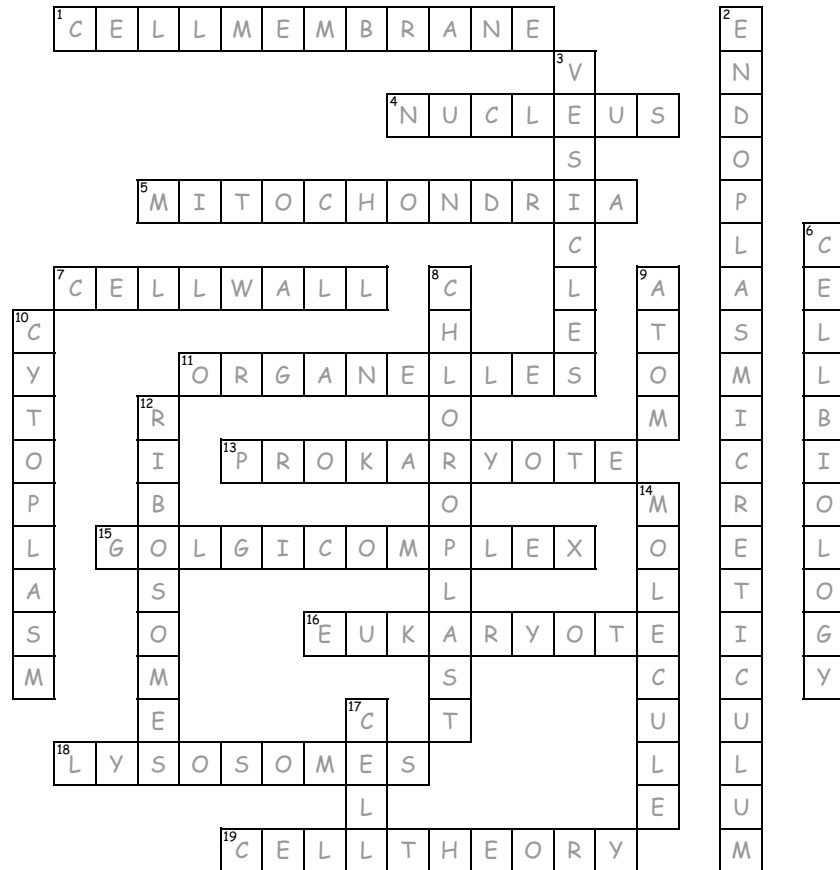


# Cell organelles and functions



## Across

- the semipermeable membrane surrounding the cytoplasm of a cell.
- a dense organelle present in most eukaryotic cells
- an organelle found in large numbers in most cells
- a rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria
- any of a number of organized or specialized structures within a living cell.
- single-celled organism which has neither a distinct nucleus with a membrane nor other specialized organelles
- It is another packaging organelle like the endoplasmic reticulum
- organism whose cells contain a nucleus surrounded by a membrane
- an organelle in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane.
- Theory that states that cells are the basic units of structure and function in living organisms.

## Down

- a network of membranous tubules within the cytoplasm of a eukaryotic cell
- transport of materials within the cytoplasm.
- study of cell structure and function
- (in green plant cells) a plastid that contains chlorophyll and in which photosynthesis takes place.
- Basic unit of a chemical element
- the material or protoplasm within a living cell
- A sphere-shaped structure within the cytoplasm of a cell that is composed of RNA and protein and is the site of protein synthesis
- A group of atoms bonded together
- the smallest structural and functional unit of an organism,