The cell

Our planet is home to different types of living organisms, including plants, animals, fungi, algae and bacteria. All living organisms consist of tiny units called .

Living organisms can be or .

- In a unicellular organism, the performs all of the life processes.
- In a multicellular organism, perform different functions.



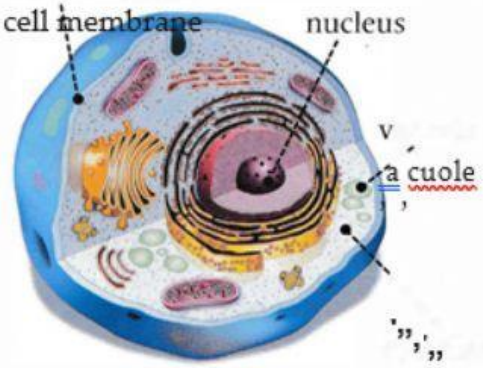
Closterium, **a unicellular green alga**

Animal and plant cells have sorne structures in common:

Animal cell structure

Animal cells have:

- **A . It controls the of the cell, such as reproduction.**
- **a cell . It controls the substances that and the cell.**
- **. It is a jelly-like substance between the cell membrane and the nucleus. It contains various and .**
- **. They are . They contain and which the organism needs to . Not all animal cells have one.**



Plant cell structure

Plant cells have a , a , and as well, but they also have:

- **a cell . It gives the cell its and it.**
- **. They contain , so the plant can carry out the process of .**

