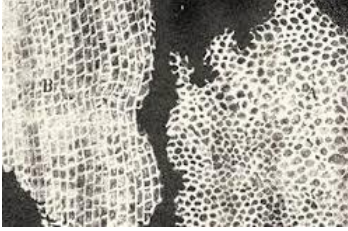
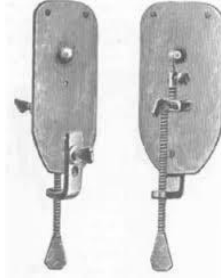


Evidence



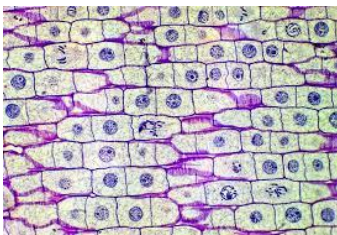
In 1663 *Robert Hooke* looked at a piece of cork, from a plant, through a microscope and called what he saw “cells”.

Evidence



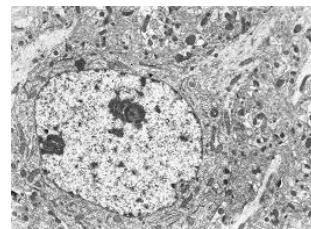
In 1673 *Anton van Leeuwenhoek* saw living bacteria and protozoa through a basic compound microscope and saw that they were made of cells.

Evidence



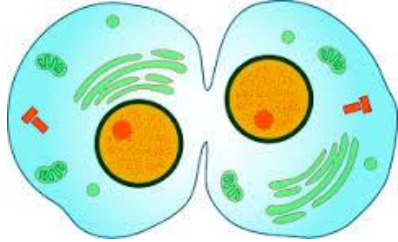
In 1838 *Dr. Matthias Schleiden* recognized that plants and all the different parts of plants are composed of cells.

Evidence



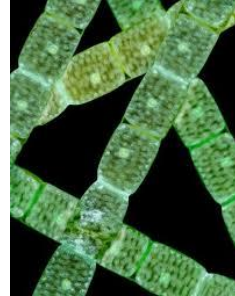
In 1839 *Dr. Theodore Schwann* recognized that animal tissue is made up of cells. In his book he stated that all living things are made of cells.

Evidence



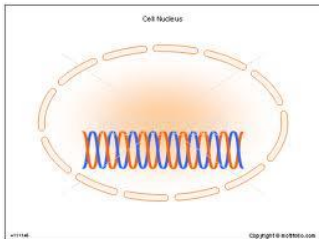
In 1858 *Rudolph Virchow* proposed that all living cells must rise from pre-existing cells in contrast to the theory of spontaneous generation.

Evidence



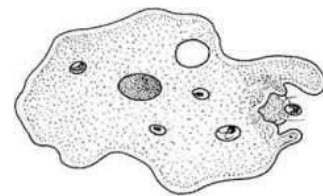
No living entity has been discovered that is not made up of at least one cell.

Evidence



Anything smaller than a cell cannot live on its own.

Evidence



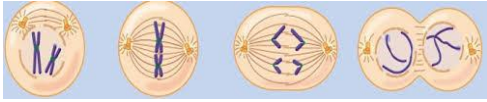
Organisms with only one cell carry out functions of life within that one cell.

**All organisms are
composed of cells**

**All cells come from
pre-existing cells**

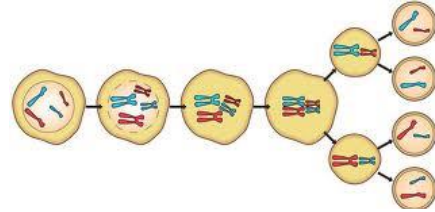
**Cells are the basic
unit of life**

Evidence



Mitosis is a type of cell division that occurs when a parent cell divides to produce two identical daughter cells.

Evidence



Meiosis is a type of cell division that reduces the number of chromosomes in the parent cell by half and produces four gamete cells. This process is required to produce egg and sperm cells for sexual reproduction.