

Directions: You will be creating an accordion foldable timeline to show the discovery of the cell and its organelles. You will need to research the following contributors and develop a timeline that includes their names and major findings that relate to the cell along with the other items listed below.

Hans and Zacharias Jansen Combined two convex lenses within a tube, constructing a compound microscope.	Francisco Redi Disproved theory of spontaneous generation using flies and rotten meat.
Robert Hooke Used early compound microscope to look at cork slice and coined the term "cell" to describe the tissue.	Anton van Leeuwenhoek Described cells in a drop of pond water – first person to observe bacteria and protozoa
Robert Brown Discovered nucleus in plant cells.	Matthias Schleiden Concluded that all plant tissues are composed of cells and that the cell is basic building block of all plants. (Cell Theory)
Rudolph Virchow Observed cell division which led to third tenet to Cell Theory which states that all cells come from existing cells.	Theodore Schwann Stated the all animal tissues are made of cells, adding to the Cell Theory that the cell is the basic unit of life.
Marcello Malpighi First person to see red blood cells.	Gregor Mendel Experimented with pea plants and tracked genetic changes in the offspring.
Thomas Hunt Morgan Showed that genes could be found on chromosomes.	Walter Fleming Examines stained cells and finds rods he calls chromosomes.
Francis Crick & James Watson Make first model of the DNA Molecule. Proved that genes are responsible for heredity.	



- 1550
- 1600
- 1650
- 1700
- 1750
- 1800
- 1850
- 1900
- 1950
- 2000

CELL HISTORY TIMELINE

