

Cell Theory

1

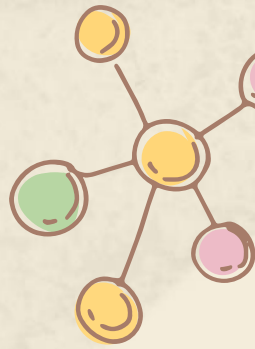
All living things are made of cells

2

Cells are the basic units of structure and function in living thing

3

Living cells only come from other living cells

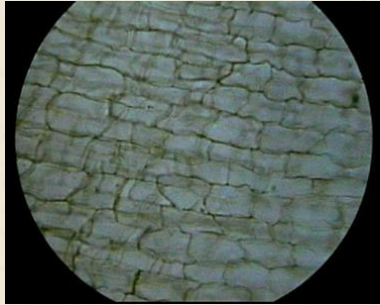




All living things are made of cells



Hans and Zacharias Janssen (1595) produced the first microscope by lining up two lenses



Robert Hooke (1665) observed cork cells through a compound microscope and first to call the spaces in the cork "cells"

Anton van Leeuwenhoek (1675) observed living cells through a simple microscope

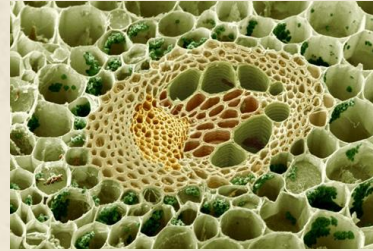




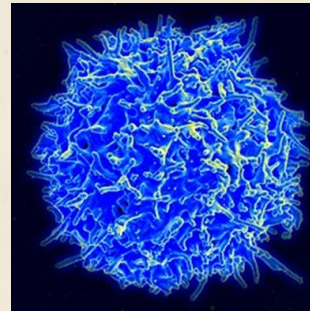
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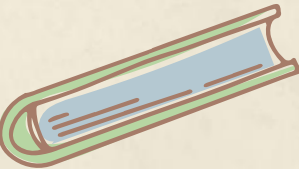


Matthias Schleiden (1838) Discovered that plants were made of cells



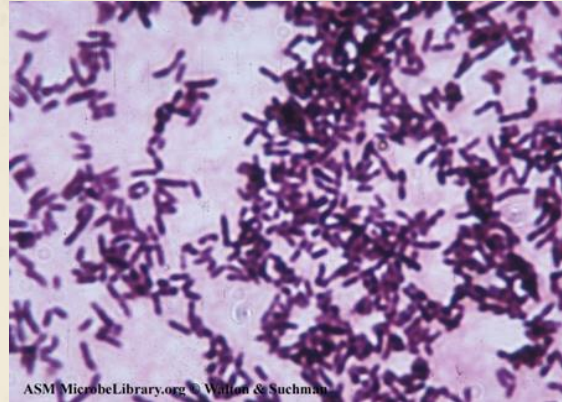
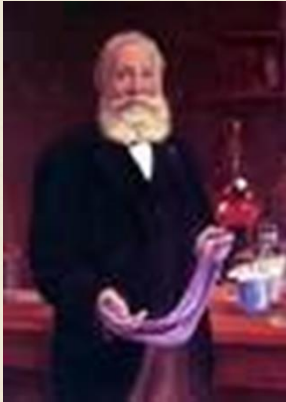
Theodor Schwann (1839) Discovered all animals were made of cells





Cells are the basic unit of structure and function in living things

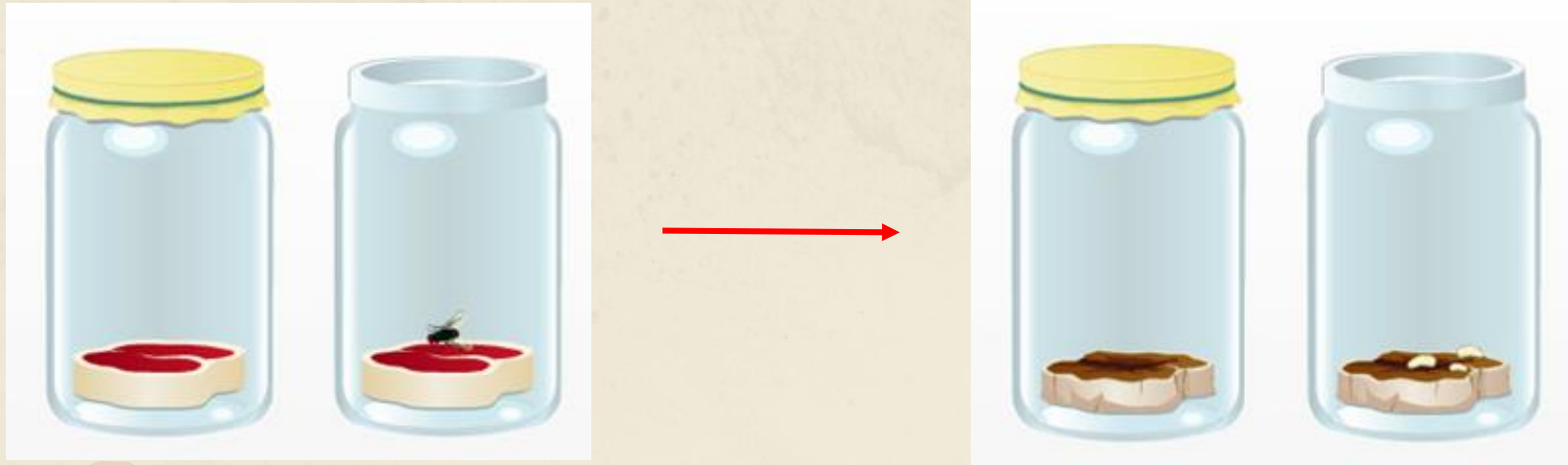
William Henry Perkin (1856) Developed a purple dye which is used to stain slide to show cells






Living cells only come from other cells

People used to believe that maggots mysteriously appeared on decaying meat. Some thought that the meat actually created maggots!

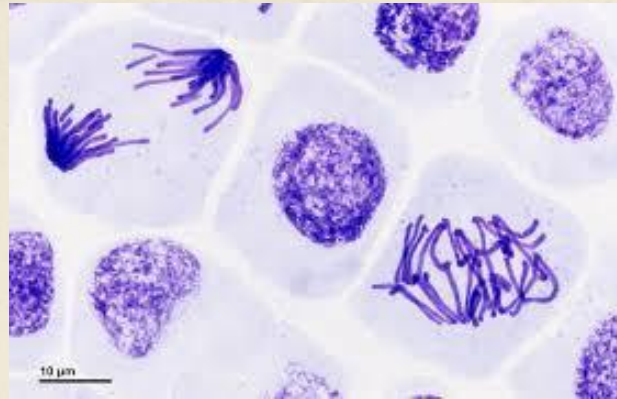


Thanks to Francesco Redi (1668) for controlled scientific experiments!



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Rudolph Virchow (1858) Stated that cells can only arise from preexisting cells



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