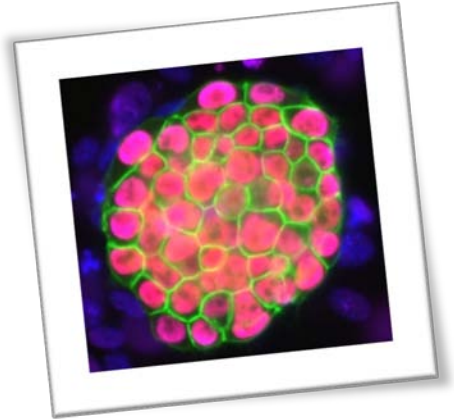


Unit 2 - **CELLS:** *The Building Blocks of Life*

cell: the basic structural unit of living things

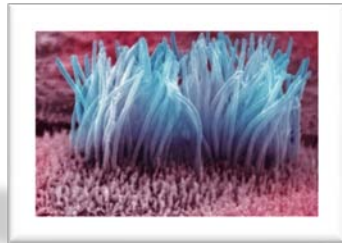
Cell Theory:

- *all living things are made of one or more cells
- *the cell is the smallest unit of a living organism
- * Cells come from other cells



nucleus: storehouse of the cell's most important chemical information

organelle: membrane-covered structure in cells that performs specific functions



cilia: small structures that look like hairs and move back and forth

diffusion: movement of particles from an area of higher concentration to an area of lower concentration

flagellum: whip-like structure that helps single-celled organisms move by spinning like a boat propeller

osmosis: type of diffusion in which water passes through a cell membrane

fungi: kingdom of living things; its organisms are multicellular, have nuclei, and often feed on decaying matter

kingdom: largest group of organisms that share traits in common

protist: kingdom of living things; its organisms are mostly one-celled but have nuclei and other organelles



organ: group of one or more kinds of tissues that work together to perform the same function

organ system: group of interconnected organs that perform related life functions

tissue: group of one or more kinds of specialized cells that perform the same function

