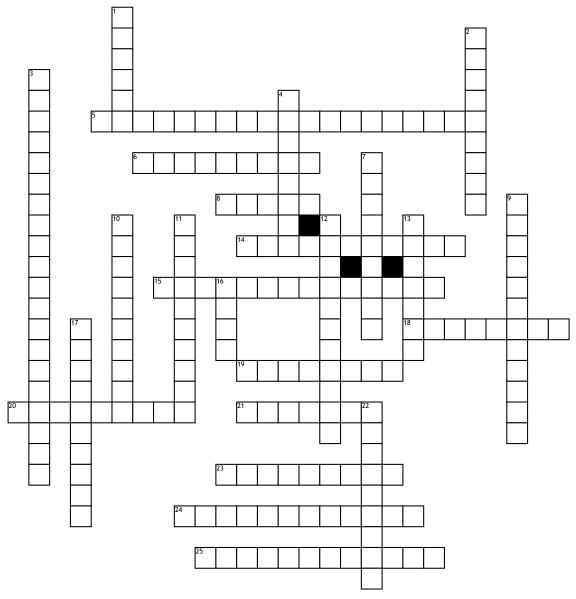
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Cell Anatomy Crossword Puzzle



Across

- **5.** The process by which cells use oxygen to produce energy from food.
- 6. The life cycle of a cell.
- **8.** A collection of tissues that carry out a specialized function of the body.
- **14.** An organelle found in plant and algae cells where photosynthesis occurs.
- **15.** A cell organelle that helps make and package materials to be transported out of a cell.
- **18.** A cell organelle that contains digestive enzymes.
- **19.** A cell organelle composed of RNA and protein; site of protein synthesis.
- **20.** Any organism whose cells have a cell nucleus and other organelles enclosed within membranes.
- **21.** A dense organelle present in most eukaryotic cells that contains genetic material.

- **23.** A small dense spherical structure in teh nucleus of a cell during interphase.
- **24.** The cytoplasmic network of protein filaments that plays an essential role in cell movement, shape, and division.
- **25.** The semipermeable membrane surrounding the cytoplasm of a cell.

Down

- A group of similar cells that perform a common function.
- **2.** Any number of organized or specialized structures within a living cell.
- **3.** A type of organelle in eukaryotic cells that forms an interconnected network of flattened, membrane-enclosed sacs or tube-like structures.
- **4.** A rigid structure that surrounds the cell membrane and provides support to the cell.
- 7. The material within a living cell, excluding the cell nucleus.

- **9.** In eukaryotic cells, the organelle that is the site of cellular respiration, which releases energy for use by the cell.
- 10. The theory that states that all living things are made up of cells, that cells are the basic units of organisms, that each cell in a multicellular organism has a specific job, and that cells come only from existing cells.
- **11.** In a eukaryotic cell, made up of DNA and protein.
- **12.** A group of organs that work together to perform body functions.
- **13.** A fluid-filled vesicle found in the cytoplasm of plant cells or protozoans.
- **16.** One set of instructions for an inherited trait.
- **17.** A microscopic single-celled organism that has neither a distinct nucleus with a membrane nor other specialized organelles.
- 22. The arrangement of parts in an organism.