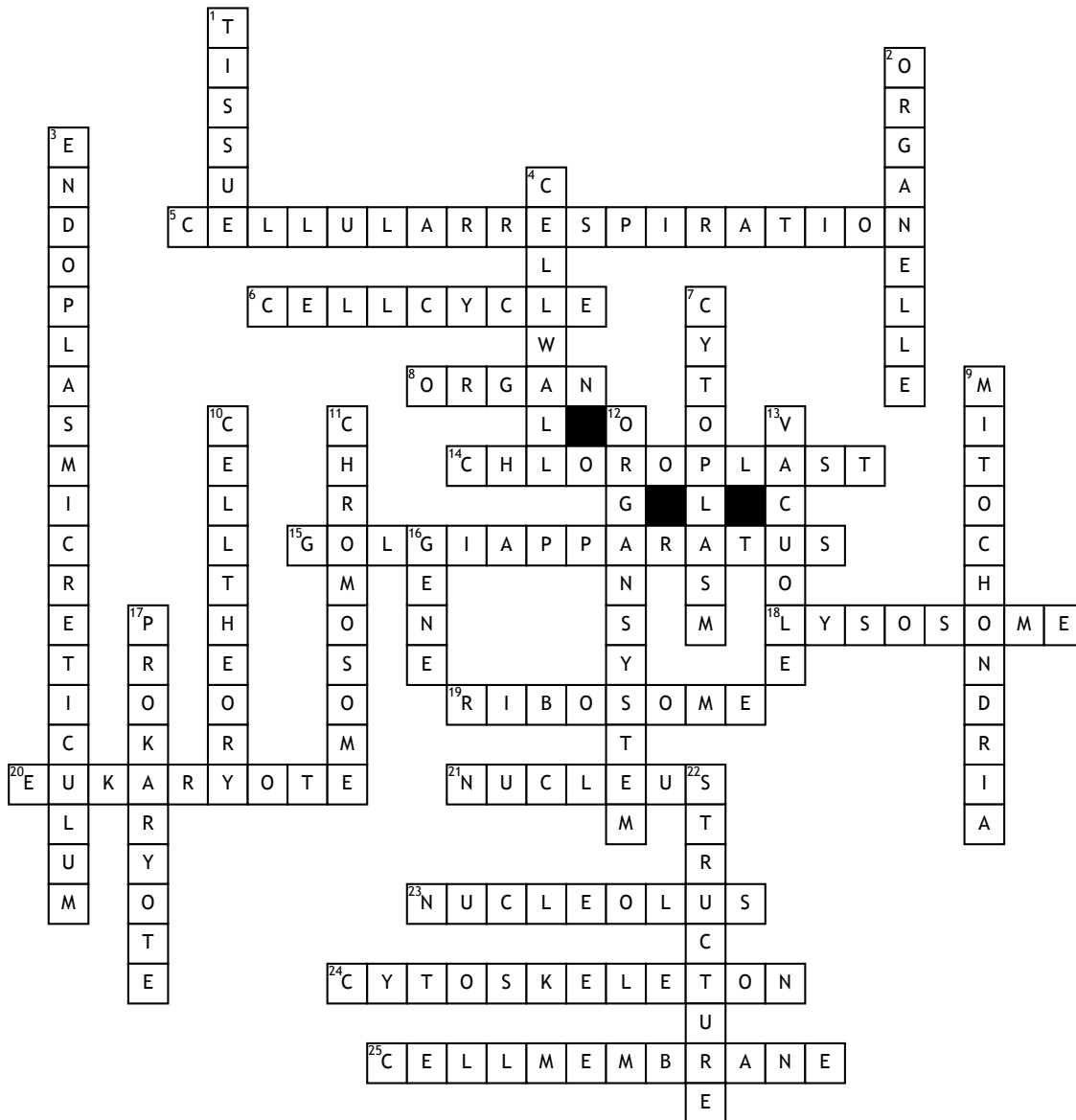


Name: _____

Date: _____

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 the 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

1. 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.