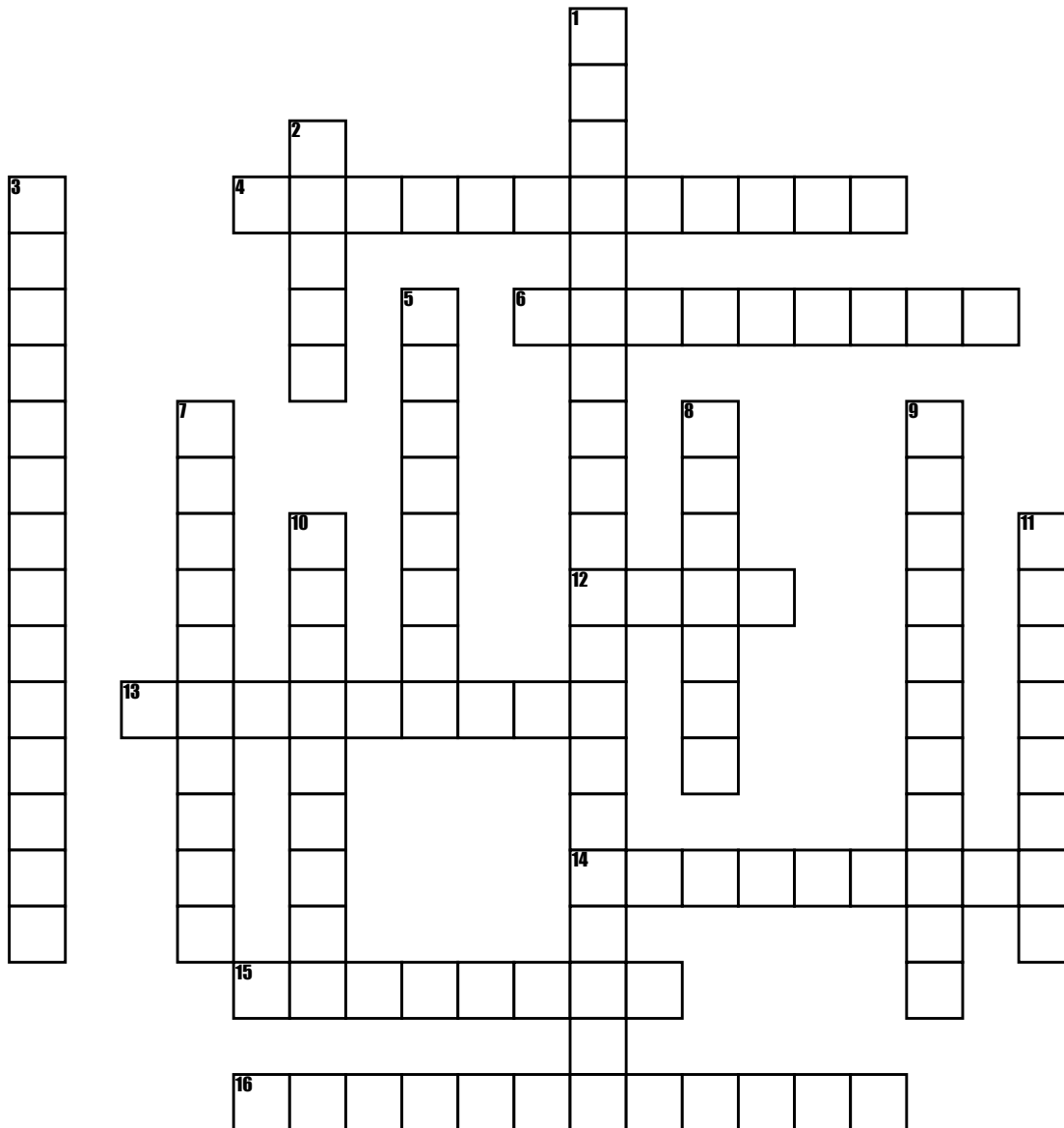


Cella Crossword Puzzle



Across

4. an organelle found in large numbers in most cells, in which the biochemical processes of respiration and energy production occur.

6. a lash-like appendage that protrudes from the cell body of certain prokaryotic and eukaryotic cells

12. the smallest structural and functional unit of an organism, typically microscopic and consisting of cytoplasm and a nucleus enclosed in a membrane.

13. any of a number of organized or specialized structures within a living cell.

14. a gel-like substance that fills the cells of living organisms.

15. a rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria.

16. a biological membrane that separates the interior of all cells from the outside environment which protects the cell from its environment consisting of a lipid bilayer with embedded proteins.

Down

1. a network of membranous tubules within the cytoplasm of a eukaryotic cell, continuous with the nuclear membrane.

2. an organelle found in eukaryotic cells.

3. a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells, involved in secretion and intracellular transport.

5. a minute particle consisting of RNA and associated proteins found in large numbers in the cytoplasm of living cells

7. a microscopic single-celled organism that has neither a distinct nucleus with a membrane nor other specialized organelles.

8. the central and most important part of an object, movement, or group, forming the basis for its activity and growth.

9. a plastid that contains chlorophyll and in which photosynthesis takes place.

10. an organism consisting of a cell or cells in which the genetic material is DNA in the form of chromosomes contained within a distinct nucleus

11. a membrane-bound organelle found in many animal cells.