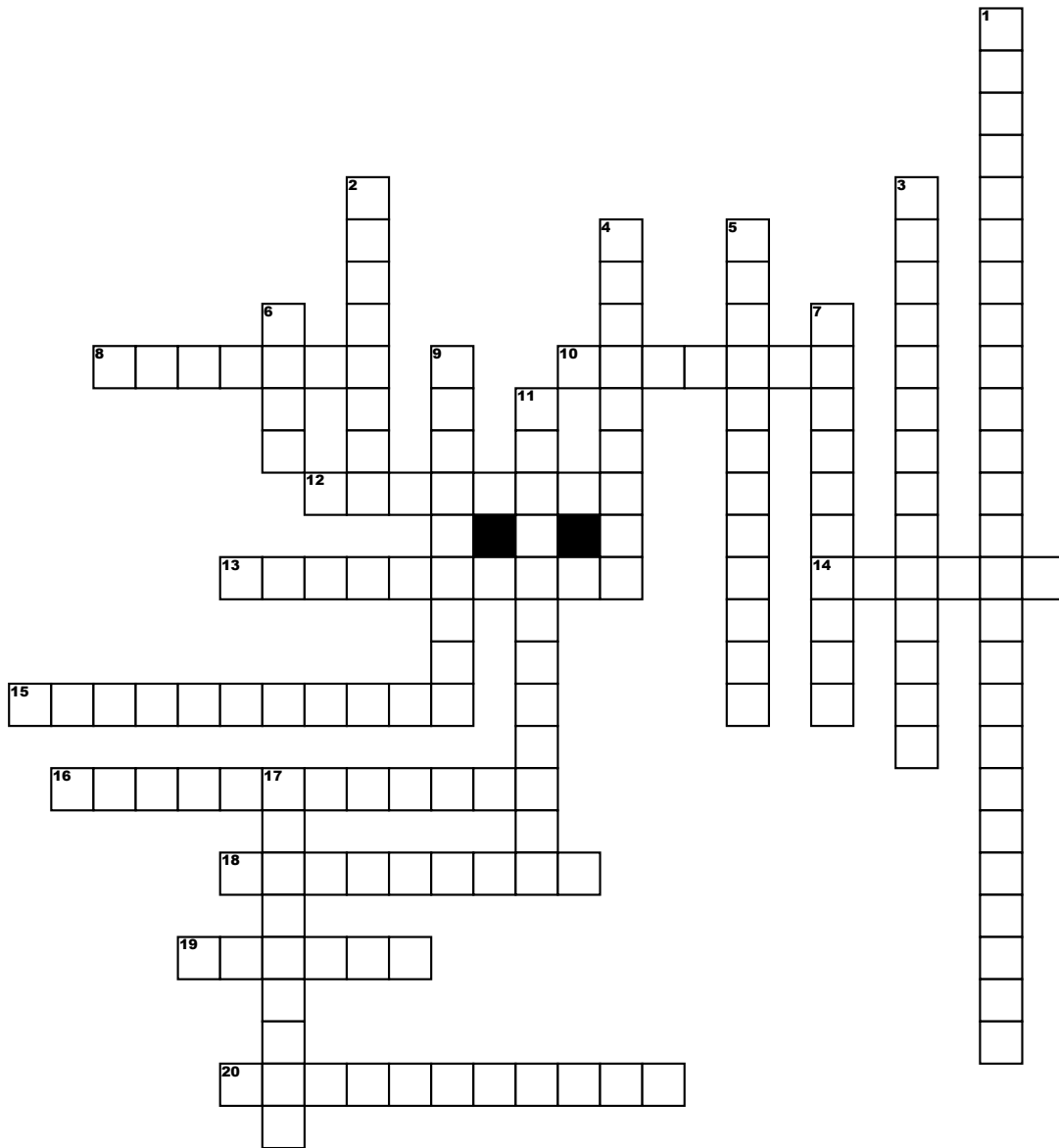


Cells and Organelles Crossword Puzzle



Across

8. The Large, membrane-bounded organelle that contains the genetic material, in the form of multiple linear DNA molecules organized into structures called chromosomes.

10. A space or vesicle within the cytoplasm of a cell, enclosed by a membrane and typically containing fluid

12. A structural layer surrounding some types of cells, just outside the cell membrane

13. An organelle that is the main place where cell microtubules are organized

14. The supportive tissue of an epithelial organ, tumor, gonad, etc., consisting of connective tissues and blood vessels

15. The taking in of matter by a living cell by invagination of its membrane to form a vacuole.

16. A microscopic tubular structure present in numbers in the cytoplasm of cells, sometimes aggregating to form more complex structures.

18. The material or protoplasm within a living cell, excluding the nucleus.

19. The stack of thylakoids within the chloroplast of plant cells

20. The ingestion of liquid into a cell by the budding of small vesicles from the cell membrane.

Down

1. An organelle found in eukaryotic cells, that produces proteins.

2. A membrane-bound cell organelle that contains digestive enzymes

3. A complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells

4. A tiny cellular structure that performs specific functions within a cell

5. A microscopic network of protein filaments and tubules in the cytoplasm of many living cells, giving them shape and coherence.

6. The smallest unit of all known living organisms

7. A small organelle present in the cytoplasm of many cells, which contains the reducing enzyme catalase and usually some oxidases.

9. A small dense spherical structure in the nucleus of a cell during interphase.

11. The ingestion of bacteria or other material by phagocytes and amoeboid protozoans.

17. A saclike membrane in the chloroplasts of plant cells that is often arranged in stacks called grana and that is the site of the light reactions of photosynthesis