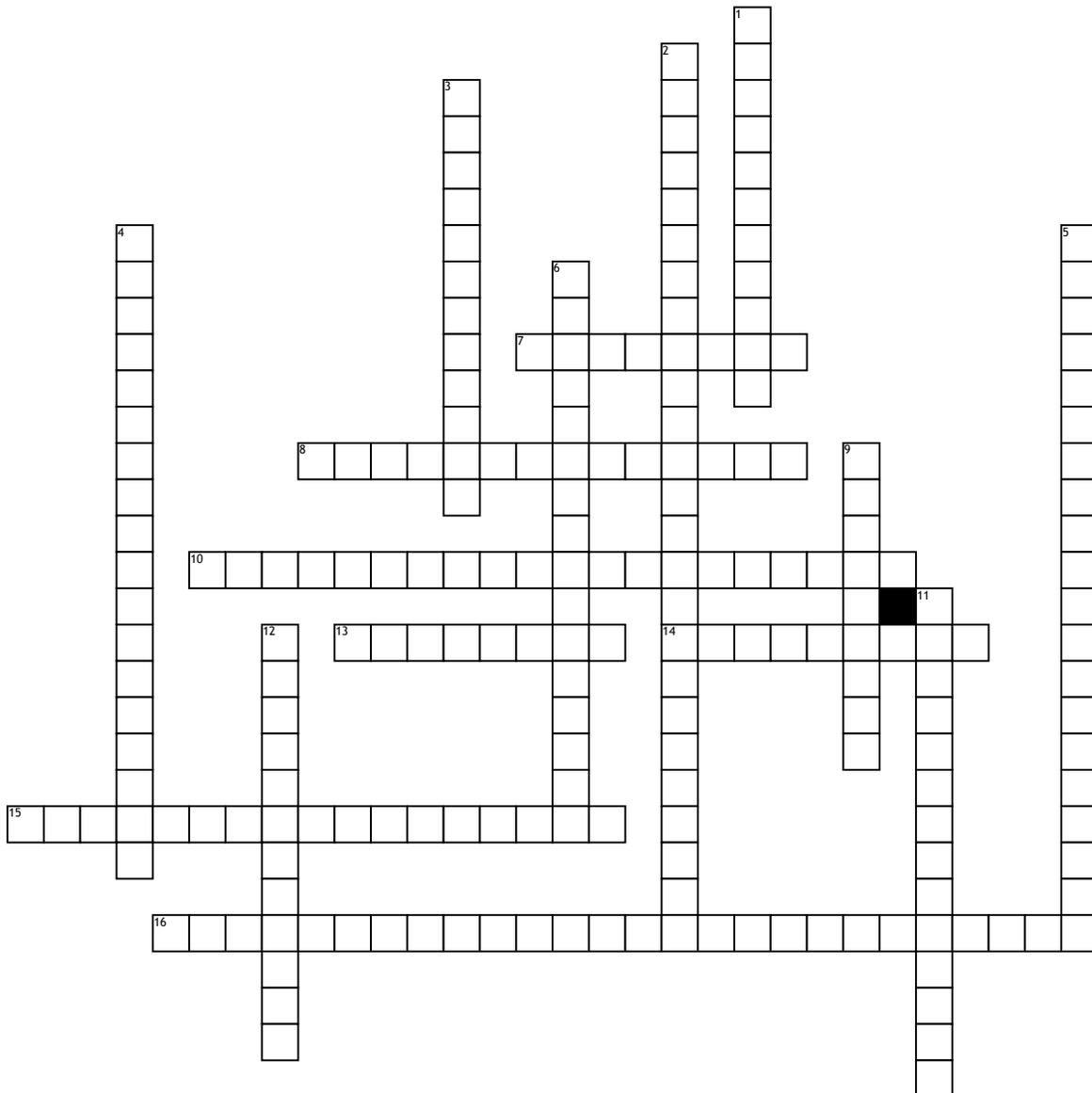


Tour of the Cell



Across

7. Large membrane enclosed vesicles that have a variety of functions

8. An organelle in eukaryotic cells that has membranous sacs that change, keep, and transfer products of the ER

10. The process of a lysosome providing an acidic environment for its enzymes while isolating them from the rest of the cell

13. Sacs made of membrane

14.

15. A feature of eukaryotic cells that are involved in the cell's functions

16.

Down

1. Metabolic compartments that don't originate from the endomembrane system. Some break down fatty acids so they can be used as fuel

2.

3. Proteins with one or more chains of sugar attached to it

4. A network of membranes inside and surrounding a eukaryotic cell

5. A complicated network in a eukaryotic cell that consists of flattened sacs and tubules

6. A vesicle that transports from one side of the cell to another side

9. Membrane enclosed eukaryotic organelles that have digestive enzymes

11. Large membranous sac with different growth functions and stores chemicals and water in a plant cell

12. The guy who discovered the Golgi apparatus by using a light microscope combined with a staining technique he developed