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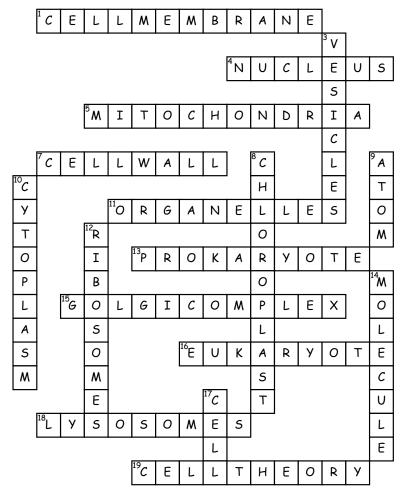
Cell Organelles and Functions

Across

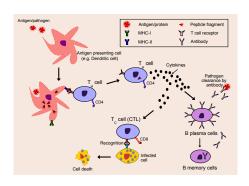
- 1. the semipermeable membrane surrounding the cytoplasm of a cell.
- 4. a dense organelle present in most eukaryotic cells
- 5. an organelle found in large numbers in most cells
- 7. a rigid layer of polysaccharides lying outside the plasma membrane of the cells of plants, fungi, and bacteria
- 11. any of a number of organized or specialized structures within a living cell.
- 13. single-celled organism which has neither a distinct nucleus with a membrane nor other specialized organelles
- 15. It is another packaging organelle like the endoplasmic reticulum
- 16. organism whose cells contain a nucleus surrounded by a membrane
- 18. an organelle in the cytoplasm of eukaryotic cells containing degradative enzymes enclosed in a membrane.
- 19. Theory that states that cells are the basic units of structure and function in living organisms.

<u>Down</u>

- 2. a network of membranous tubules within the cytoplasm of a eukaryotic cell
- 3. transport of materials within the cytoplasm.
- **6**. study of cell structure and function



- 8. (in green plant cells) a plastid that contains chlorophyll and in which photosynthesis takes place.
- 9. Basic unit of a chemical element
- 10. the material or protoplasm within a living cell
- 12. A sphere-shaped structure within the cytoplasm of a cell that is composed of RNA and protein and is the site of protein synthesis
- 14. A group of atoms bonded together
- 17. the smallest structural and functional unit of an organism,



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