|  |  |  |
| --- | --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Cell Parts

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  | 1  E |  |  |  | 2  C |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | N |  |  |  | I |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | D |  |  |  | L |  |  |  |  |  |
|  |  | 3  G |  | 4  M | I | T | O | C | H | O | N | D | R | I | A |  |  |  |  |
|  |  | O |  |  |  |  |  |  |  | P |  |  |  | A |  | 5  C |  |  |  |
|  |  | L |  |  |  |  |  | 6  C | E | L | L |  |  |  |  | H |  |  |  |
| 7  F |  | G |  | 8  C |  |  |  |  |  | A |  |  |  |  |  | L |  |  | 9  R |
| L |  | I |  | E |  |  |  |  |  | S |  |  |  | 10  N |  | O |  |  | I |
| A |  | A |  | L |  |  |  | 11  P |  | M |  | 12  C |  | U |  | R |  |  | B |
| G |  | P |  | L |  |  |  | R |  | I |  | Y |  | C |  | O |  |  | O |
| E |  | P |  | W |  |  |  | O |  | C |  | T |  | L |  | P |  |  | S |
| L |  | A |  | A |  | 13  E | U | K | A | R | Y | O | T | E |  | L |  |  | O |
| L |  | R |  | L |  |  |  | A |  | E |  | P |  | U |  | A |  |  | M |
| U |  | A |  | L |  |  |  | R |  | T |  | 14  L | Y | S | O | S | O | M | E |
| M |  | T |  |  |  |  |  | Y |  | I |  | A |  |  |  | T |  |  |  |
|  |  | U |  |  |  |  |  | O |  | C |  | S |  |  |  |  |  |  |  |
|  |  | S |  |  |  |  |  | T |  | U |  | M |  |  |  |  |  |  |  |
|  |  |  | 15  O | R | G | A | N | E | L | L | E |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | U |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 16  C | E | L | L | M | E | M | B | R | A | N | E |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **4.** an organelle in the cytoplasm of cells that produces energy  **6.** the basic structural unit of all living things  **13.** A single-celled or multicellular organism whose cells contain a membrane-bound nucleus  **14.** a cell organelle containing enzymes that digest particles  **15.**  a specialized part of a cell having some specific function made of macromolecules  **16.** the semipermeable membrane enclosing the cytoplasm of a cell | **Down**  **1.** The membrane network in cytoplasm that is composed of tubules that carry ribosomes on their surfaces some are rough while others are smooth.  **2.** providing locomotion to protozoans and moving liquids along internal tissues in animals  **3.** a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells, involved in secretion and intracellular transport  **5.** contains chlorophyll and other pigments, occurrs in plants and algae that carry out photosynthesis  **7.**  enables many protozoa, bacteria, spermatozoa to move about / swim about the cell  **8.** the definite boundary that is part of plant cells and not in animal cells  **9.** particles in the cytoplasm of cells, either free or attached to the endoplasmic reticulum, that contain RNA and protein and are the site of protein synthesis  **10.** a double membrane, and found in most living eukaryotic cells, directing their growth, metabolism, and reproduction, and functioning in the transmission of genic characters  **11.** organism not enclosed in a nucleus. Bacteria and archaeans are this  **12.** jelly like substance between the cell membrane and the nucleus |