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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Cell Structure and Functions

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| **Across**  **1.** The cell membrane is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to allow molecules to pass through.  **4.** These molecules do not like water.  **8.** Which type of cell has a large vacuole?  **11.** The smooth endoplasmic reticulum looks like \_\_\_\_\_\_\_\_\_.  **12.** Ribosomes are the site of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ synthesis.  **13.** Which structure combines small molecules to create complex ones?  **14.** The nucleolus helps synthesise \_\_\_\_\_\_\_\_\_\_\_\_\_.  **15.** What fluid is found inside in the mitochondria? | **Down**  **2.** Which endoplasmic reticulum has ribosomes?  **3.** What organism is known as the 'power house' of the cell?  **5.** What is the scientific name for the structures inside the cell?  **6.** The mitochondria is the site for cellular \_\_\_\_\_\_\_\_\_\_\_\_.  **7.** What is the name of the fluid inside the cell?  **9.** Which structure digests material in the cell?  **10.** What structure controls the activities of the cell? |