

KNOWLEDGE



QUESTION

1. How does the cell interact with its environment? What are the inputs and outputs of the cell? How does the cell maintain its internal environment?

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ANSWER

The cell interacts with its environment through the exchange of matter and energy. The cell takes in nutrients and oxygen from the environment and releases carbon dioxide and waste products. The cell maintains its internal environment by regulating the concentration of ions and molecules inside the cell.

CONCEPT

The cell is the basic unit of life and is responsible for all the functions of the organism.