

QUESTION 15 (2014)

Which of the following is a function of the cell membrane?

- A. To store genetic information
 - B. To provide structural support
 - C. To regulate the passage of materials
 - D. To produce energy
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- The diagram illustrates the structure of a cell membrane. It shows a phospholipid bilayer with hydrophilic heads and hydrophobic tails. A protein is embedded in the membrane. A small molecule is shown passing through the membrane. Labels include 'PHOSPHOLIPID', 'HYDROPHILIC HEAD', 'HYDROPHOBIC TAIL', 'PROTEIN', and 'SMALL MOLECULE'.