

QUESTION

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 Which of the following is not a function of the Golgi apparatus?

A Synthesis of proteins

B Lipid synthesis

C Glycogen synthesis

D Protein sorting

E Lipid transport



ANSWER
 A

The Golgi apparatus is a membrane-bound organelle that is involved in the processing and transport of proteins and lipids. It is composed of a series of flattened, membrane-bound sacs called cisternae. The Golgi apparatus is involved in the synthesis of proteins, lipid synthesis, lipid transport, protein sorting, and glycogen synthesis.

EXPLANATION
 The Golgi apparatus is a membrane-bound organelle that is involved in the processing and transport of proteins and lipids. It is composed of a series of flattened, membrane-bound sacs called cisternae. The Golgi apparatus is involved in the synthesis of proteins, lipid synthesis, lipid transport, protein sorting, and glycogen synthesis.

REFERENCE
 Molecular Biology of the Cell, 6th Edition, Alberts et al., Garland Science, 2015, pp. 1000-1001.