

The cell wall of the puffballs is made up of what?

- A. Chitin
- B. Murine
- C. Cellulose
- D. spores

Show Answer...

Correct Answer: chitin

Composition of the Puffballs



Puffballs are a type of fungi that have a round, spore-filled structure called a fruiting body.

The cell wall of the **puffballs is made up of chitin**, which is a polysaccharide (a type of carbohydrate) that is also found in the cell walls of other fungi and in the exoskeletons of insects. Puffballs are a type of fungi that have a round, spore-filled structure called a fruiting body. Chitin is a strong and flexible material that helps to protect the puffballs and support their structure. It is composed of long chains of the sugar molecule N-acetylglucosamine, which are linked together by chemical bonds. The chitin in the cell walls of puffballs is important for the survival and reproduction of the fungi, as it helps to protect the spores and keep them safe until they are ready to be released into the environment.

What are puffballs?

Puffballs are a type of fungi that belong to the division Basidiomycota. They are characterized by their round, spore-filled structures called fruiting bodies, which are typically found on the ground or on woody debris. Puffballs are known for their ability to produce clouds of spores when they are touched or disturbed, which gives them their name. The spores are produced inside the fruiting body, and are released through small pores or openings on the surface.

There are many different types of puffballs, including the common puffball (*Lycoperdon perlatum*), the giant puffball (*Calvatia gigantea*), and the earthstar (*Geastrum* spp.). Puffballs are found in a wide range of environments, including forests, grasslands, and urban areas. They are often found in areas with damp soil, as they require moisture to grow and reproduce. Puffballs are an important part of the ecosystem, as they help to decompose organic matter and recycle nutrients back into the soil.

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