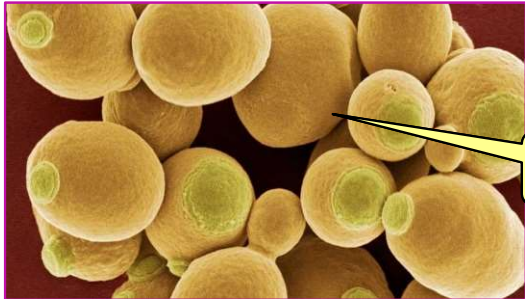


## Kingdom FUNGI

- These are heterotrophic eukaryotic organisms
- They are saprophytic and feed on dead organic matter as food and are therefore called



**sapros = dead, decaying**

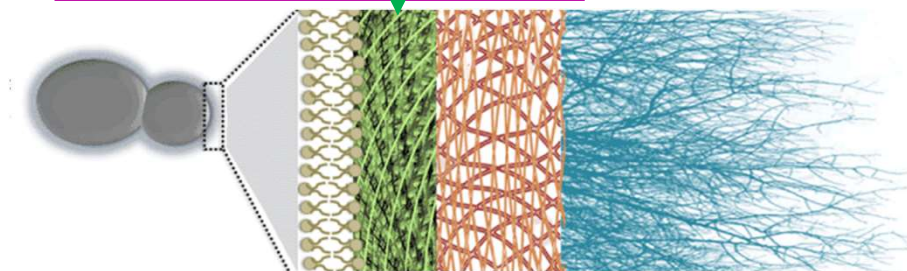


- Some fungi are multicellular organisms



**Chitin**

They have cell walls made of a tough complex sugar called **chitin** and **mushrooms**



## ***Kingdom FUNGI***

- Some fungal species live in permanent mutually dependent relationships with bluegreen algae (or cyanobacteria).
- Such relationships are called symbiosis.
- These symbiotic life forms are called lichens.
- We have all seen lichens as the slow-growing large colored patches on the bark of trees.

**Sym = association**  
**Biosis = living together**

