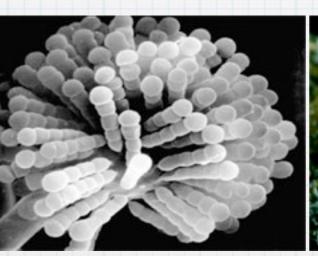
* Why did the mushroom get invited to the party?













* Many are pathogens

Athletes Foot

Ringworm



* Many are pathogens

Athletes Foot

Ringworm







* Many are decomposers

DECOMPOSERS

They Consume (eat) dead plants \$ Animals and decomposes them-reduces them to simpler forms of matter:

RIMARY DECOMPOSERS Fungi & Bacteria





* Some species produce antibiotics









* Many are a form of food



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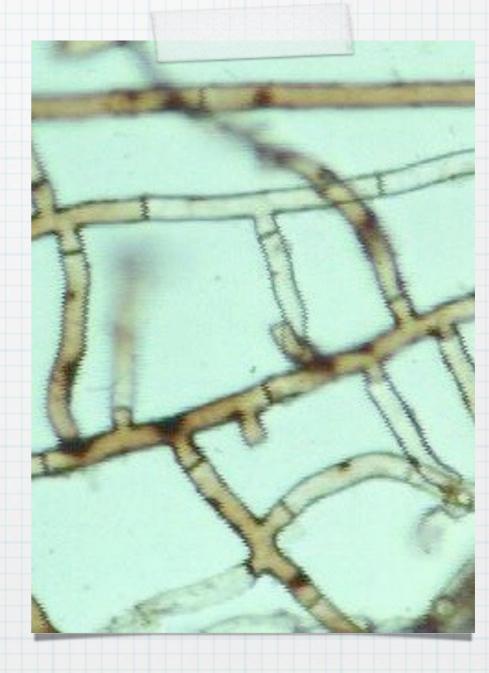


* Yeast is a fungus used in bread and beer

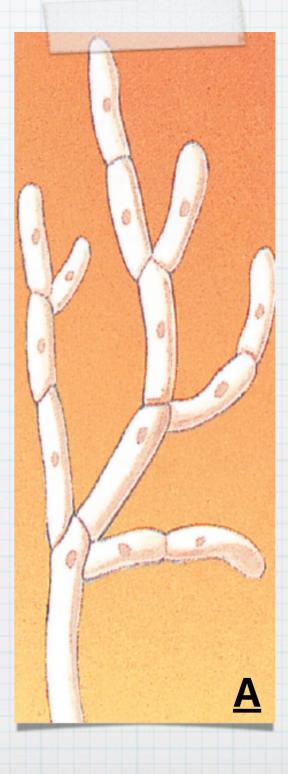
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- Mycelium formed by many intertwined hyphae
 - * i.e. colony
 - usually forms on or below surface of soil

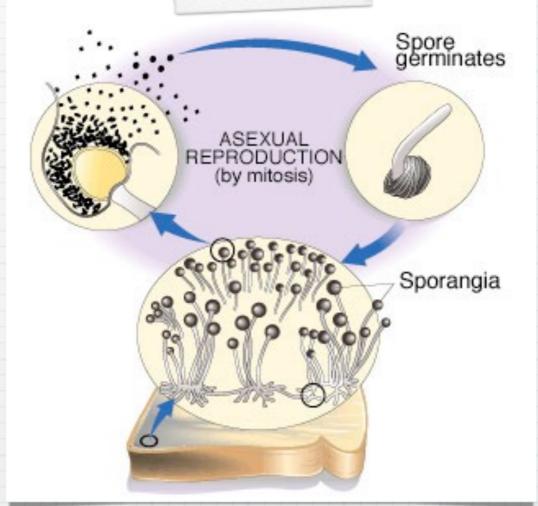


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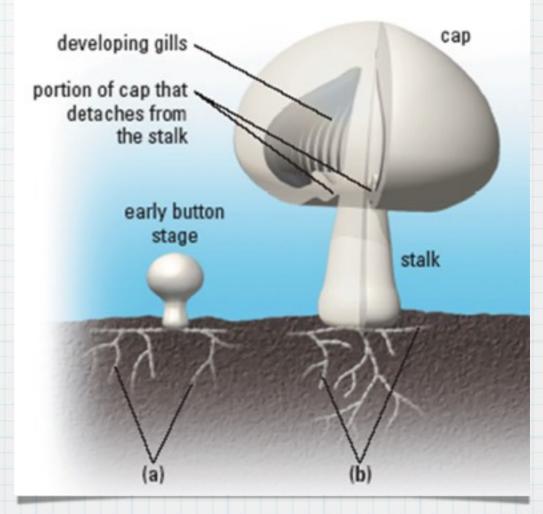
Life Cycle - Asexual Reproduction

- * unicellular reproductive cells (ie. made of one cell)
- formed in specialized spore cases called sporangia (um)



Life Cycle - Sexual Reproduction

- * 2 nuclei in specialized hyphae fuse
- * grow into a mushroom
 (fruiting body)
- * sexually produced spores form on the inside of the gills



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* different from other fungi because:

* unicellular

- * reproduce asexually by budding
 - * 1. nucleus doubles
 - * 2. one nucleus moves into the bud

* 3. bud grows & falls off to become a new yeast cell identical to parent

Similarities between plants and fungus

- * eukaryotic cells
- * numerous organelles
- * multicellular (*except yeast)
- * have cell walls
- * anchored in soil
- * stationary

* reproduce asexually or sexually

Differences between plants and fungus

Plants Fun	gus
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One nucleus per cell Autotrophs Have roots Cellulose in cell walls Reproduce by seeds Many nuclei per cell Heterotrophic No roots Chitin in cell wall No seeds