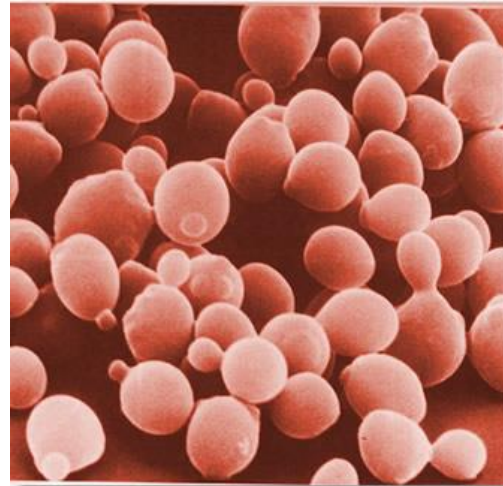


Fungi Kingdom

- All fungi are eukaryotic
- They may be unicellular or multicellular
- All fungi have a cell wall

Unicellular
(yeast)



Multicellular



Classified by how they reproduce

1- Zygosporangium (الزيجية) :

Zygomycetes e.g. *Rhizopus* sp.

2- Ascomycetes (الأسكية) :

e.g. *Penicillium nutatum* , *Aspergillus niger*

، *Saccharomyces cerevisiae*

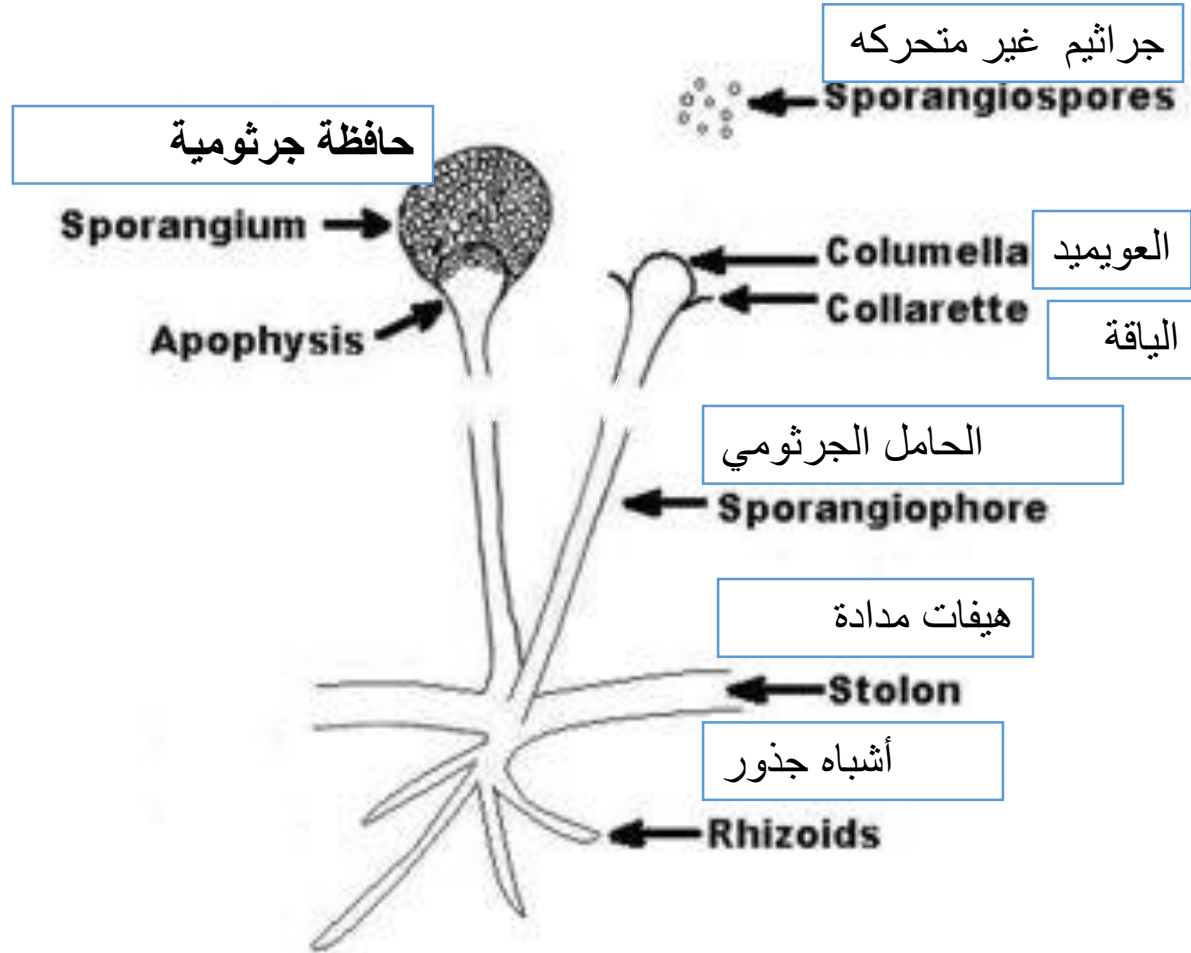
3- Basidiomycete (البازيدية) :

e.g. *Agaricus*

4- Deuteromycetes (الناقصة) :

e.g. *Fusarium*

فطر *Rhizopus*



فطر *Aspergillus*

Chains of Conidia

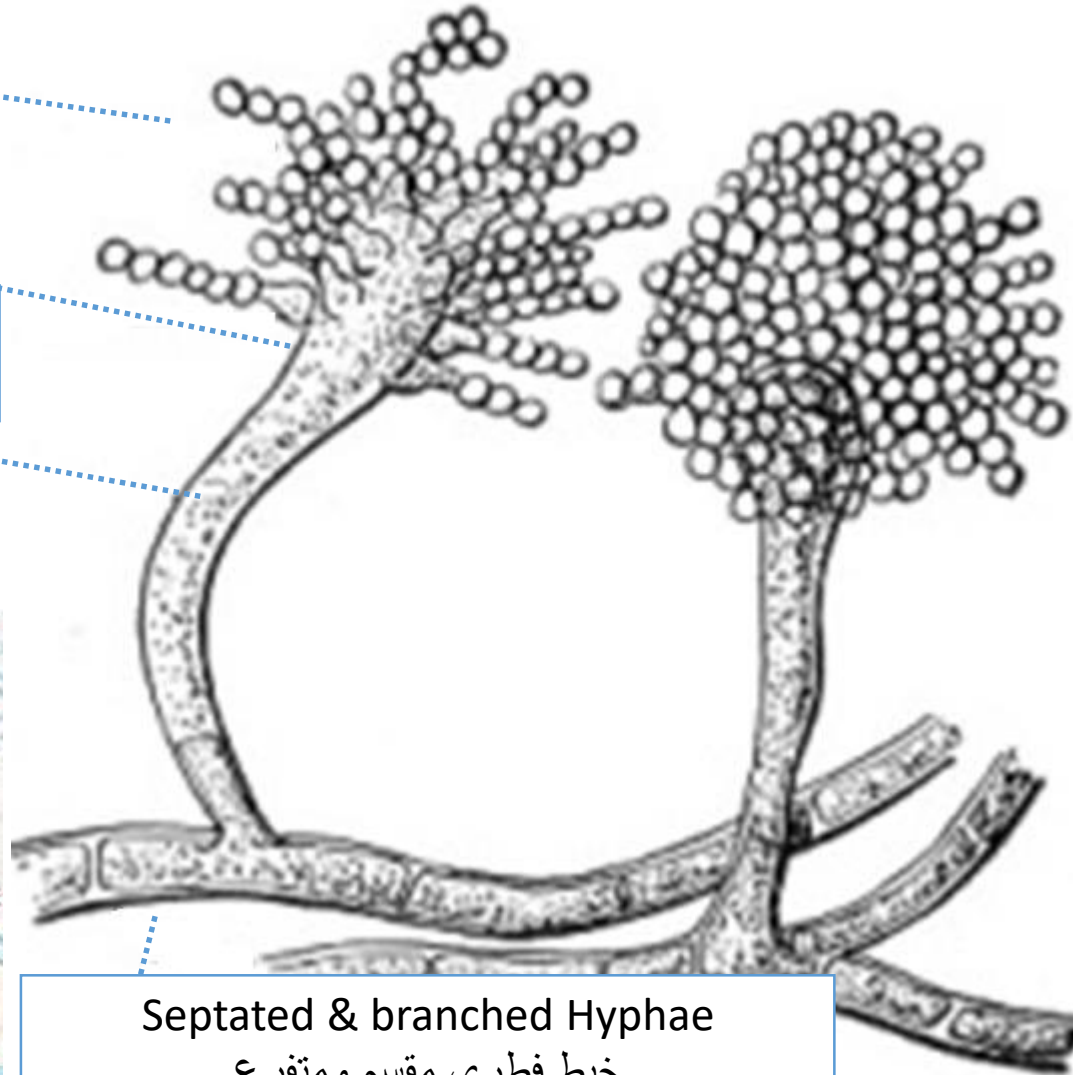
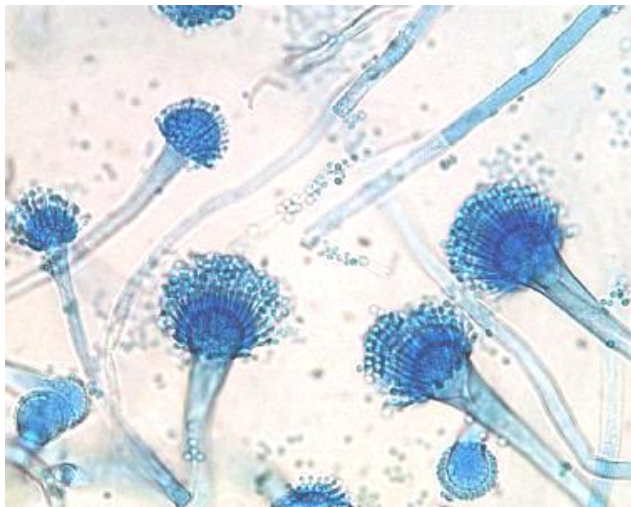
سلاسل من الجراثيم
الكونيدية

Vesicle

الحويصلة

Conidiophore

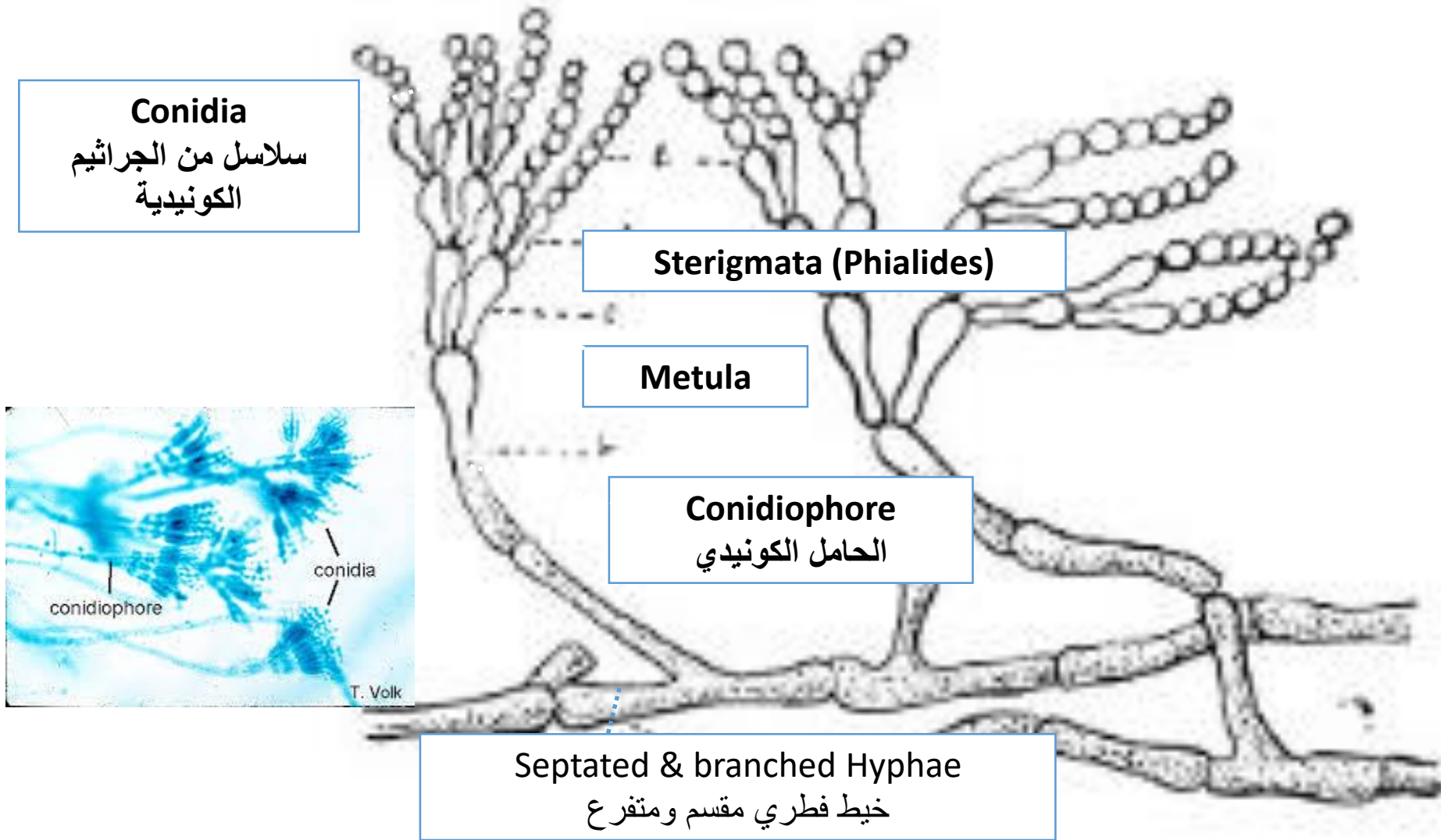
الحامل الكونيدي



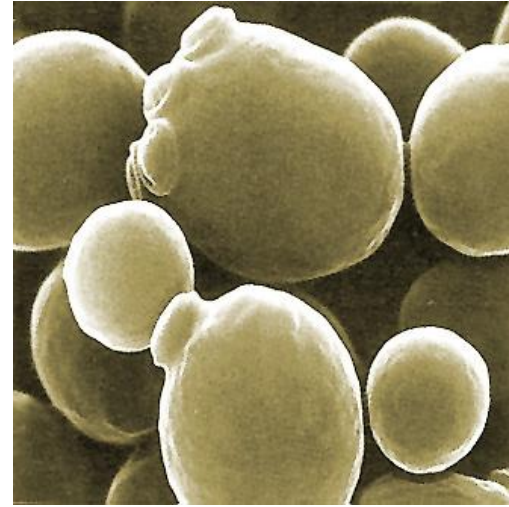
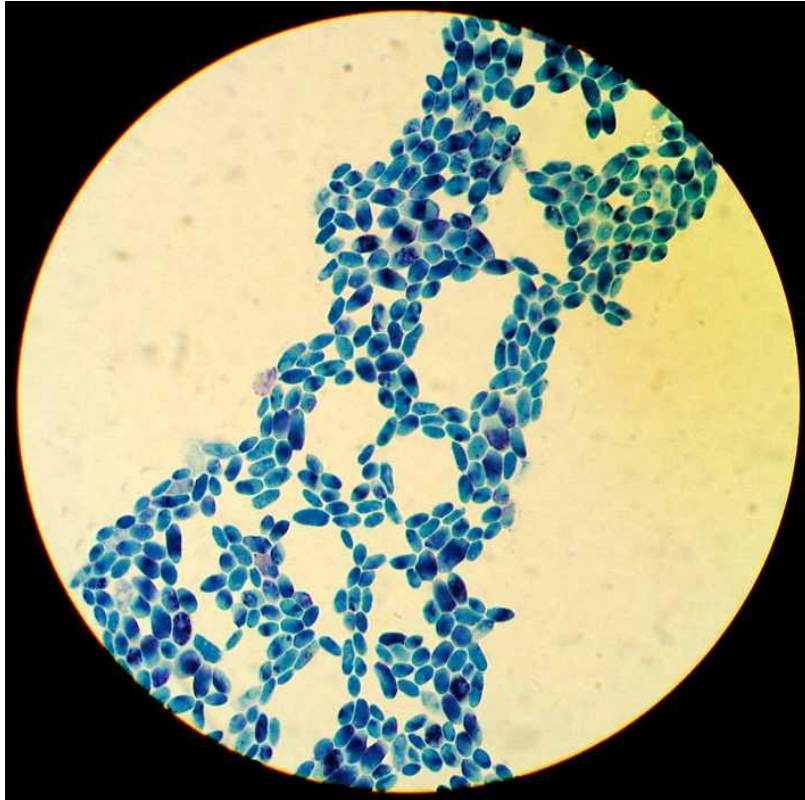
Septated & branched Hyphae

خيوط فطرية مقسمة ومتفرعة

فطر *Penicillium*

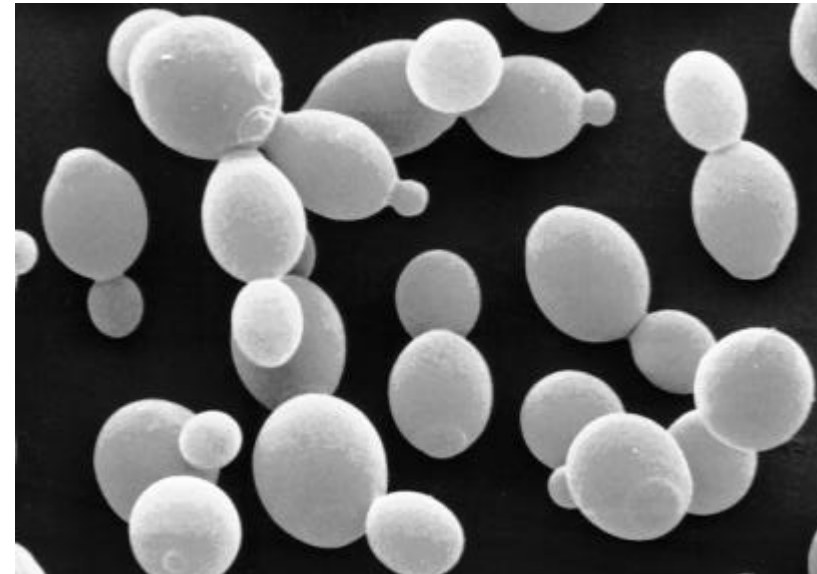
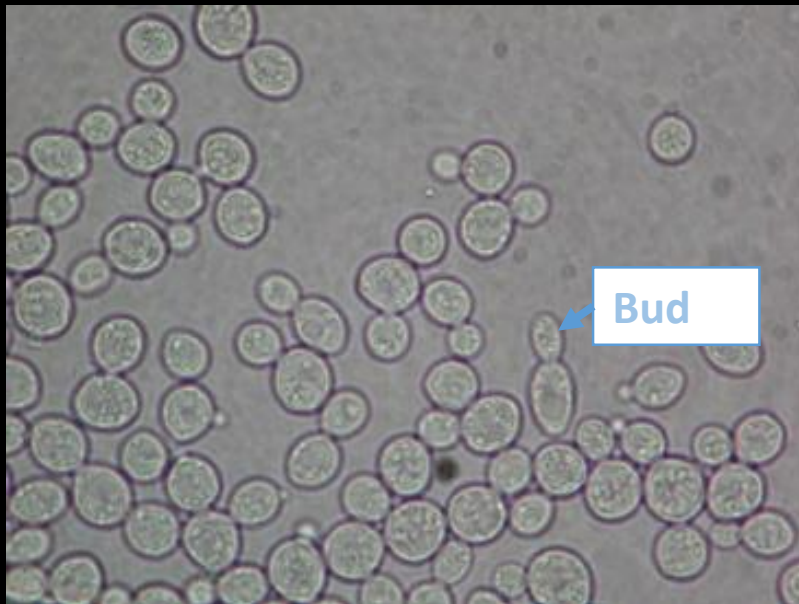


فطر *Saccharomyces*

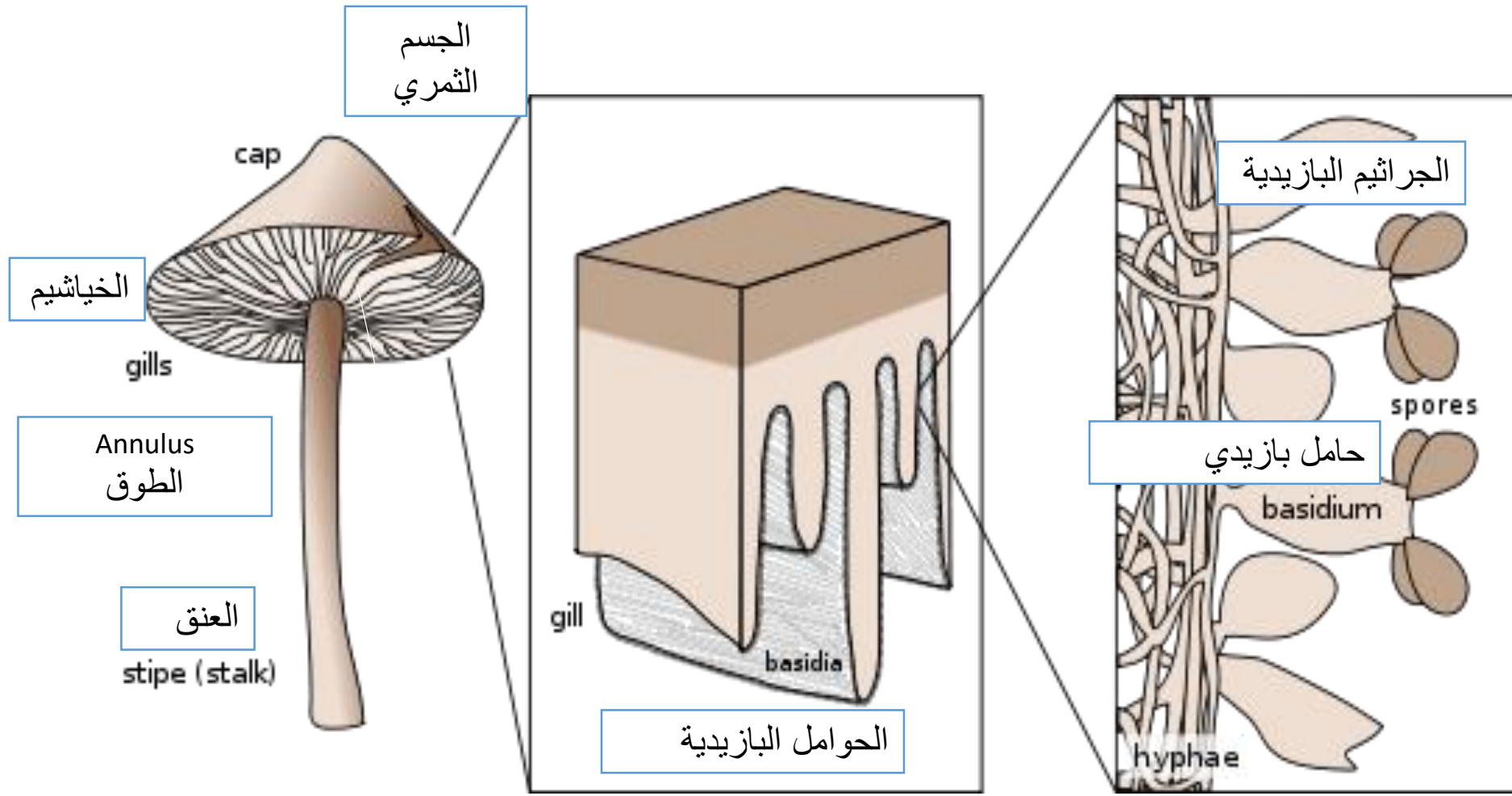


Saccharomyces فطر

**Asexual reproduction:
By Budding**



فطر Agaricus



Any Questions

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