

Vježba 7. i 8.

Divisio: **EUMYCOTA**

Subdivisio: **ZYGOMYCOTINA**

Classis: **ZYGOMYCETES**

Ordo: **MUCORALES**

Mucor mucedo

Rhizopus stolonifer

Divisio: EUMYCOTA

Subdivisio: DEUTEROMYCOTINA

Classis: HYPHOMYCETES

Aspergillus sp.

Penicillium sp.

Cercospora beticola

Helminthosporium turcicum

Helminthosporium gramineum

Classis: COELOMYCETES

Phoma betae

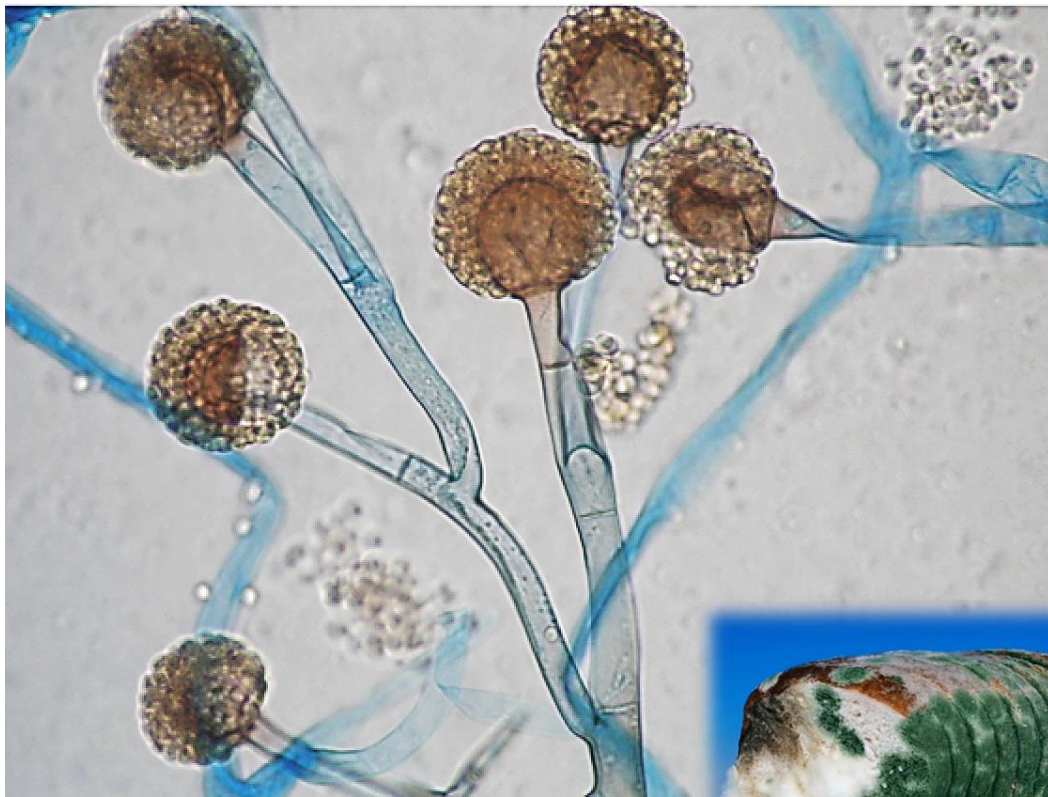
Ascochyta pisi

Subdivisio: Zygomycotina

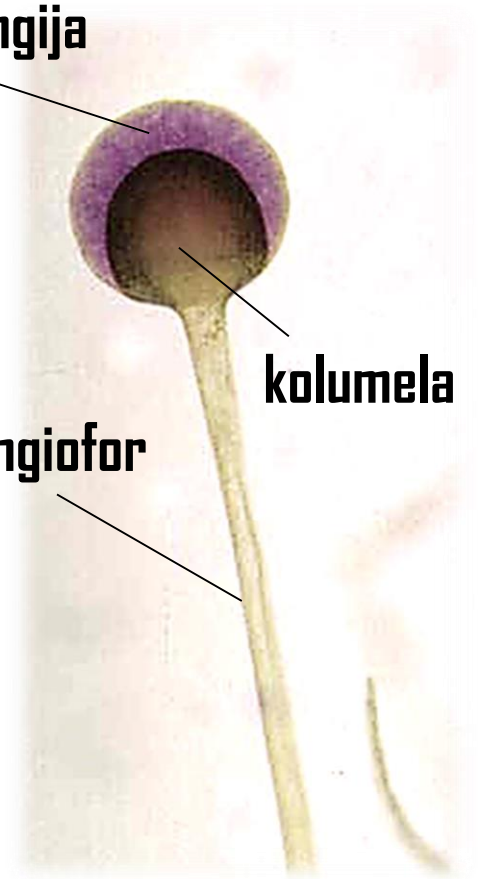
Mucor mucedo

makroskopski izgled





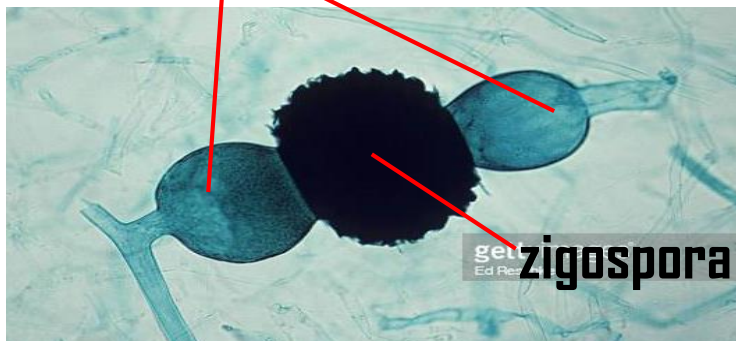
sporangija



kolumela

sporangiopor

zigofori



get Ed Per
zigospora

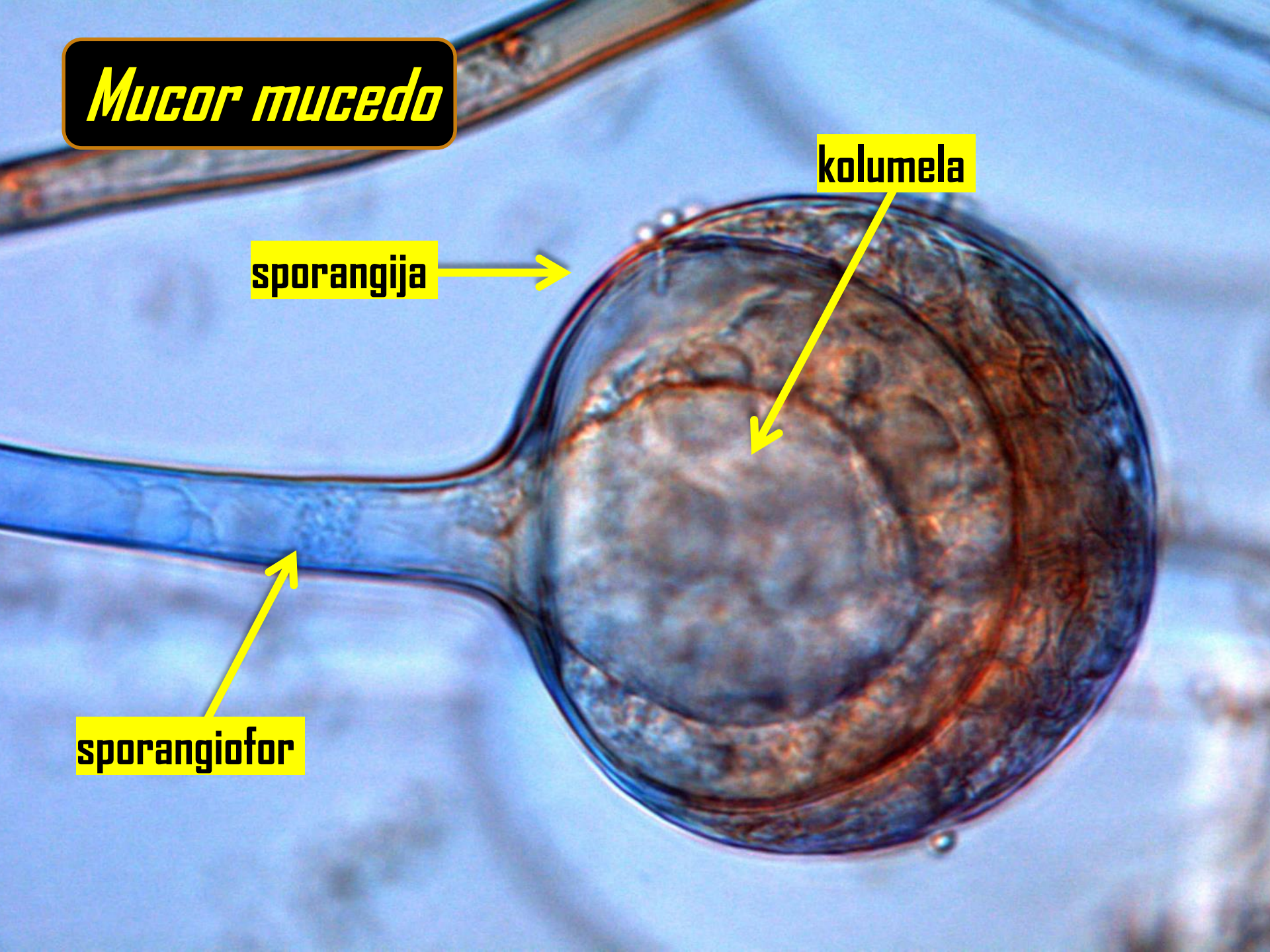
Mucor mucedo

Mucor mucedo

sporangija

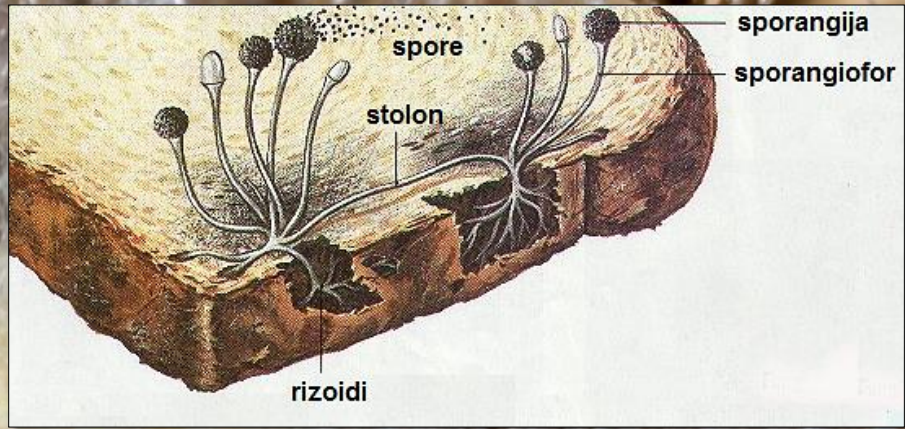
kolumela

sporangiofor

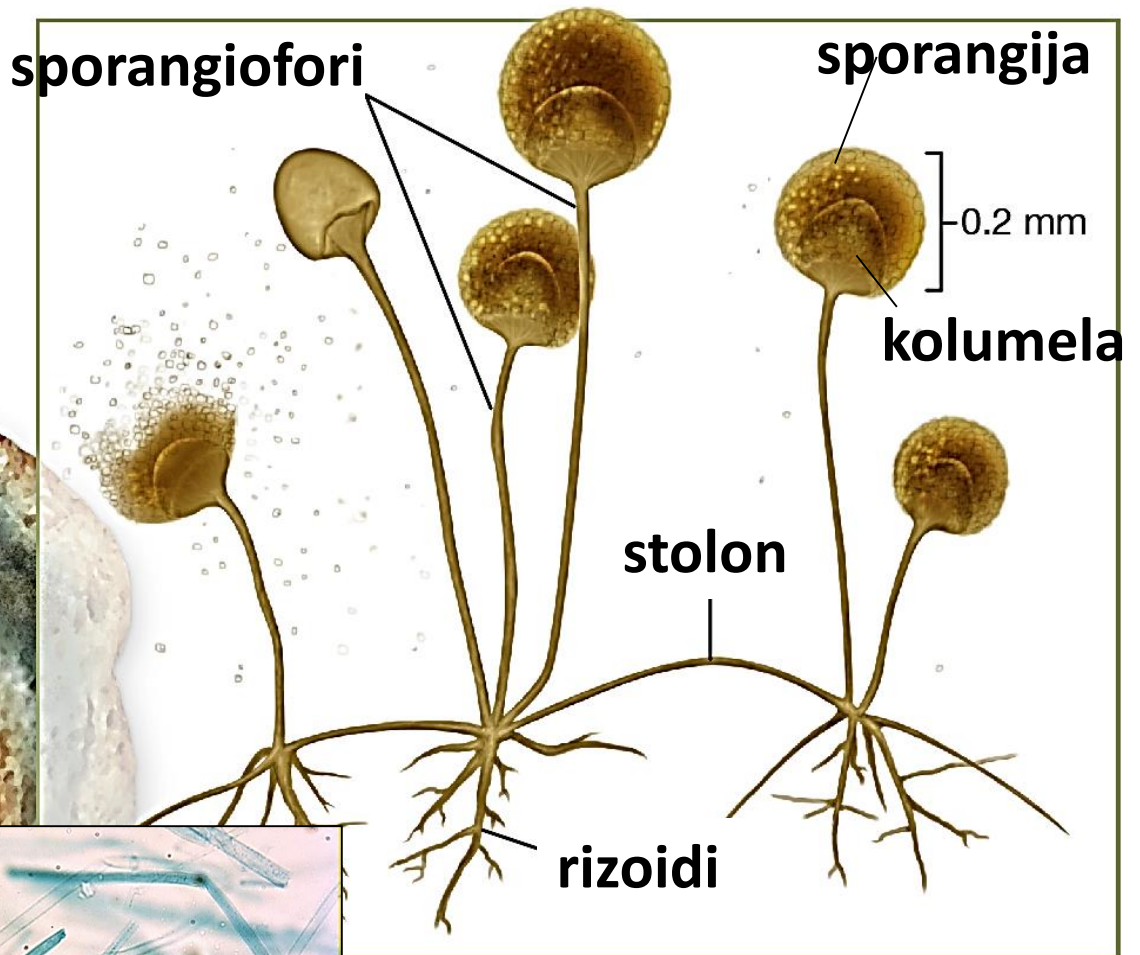




Rhizopus stolonifer



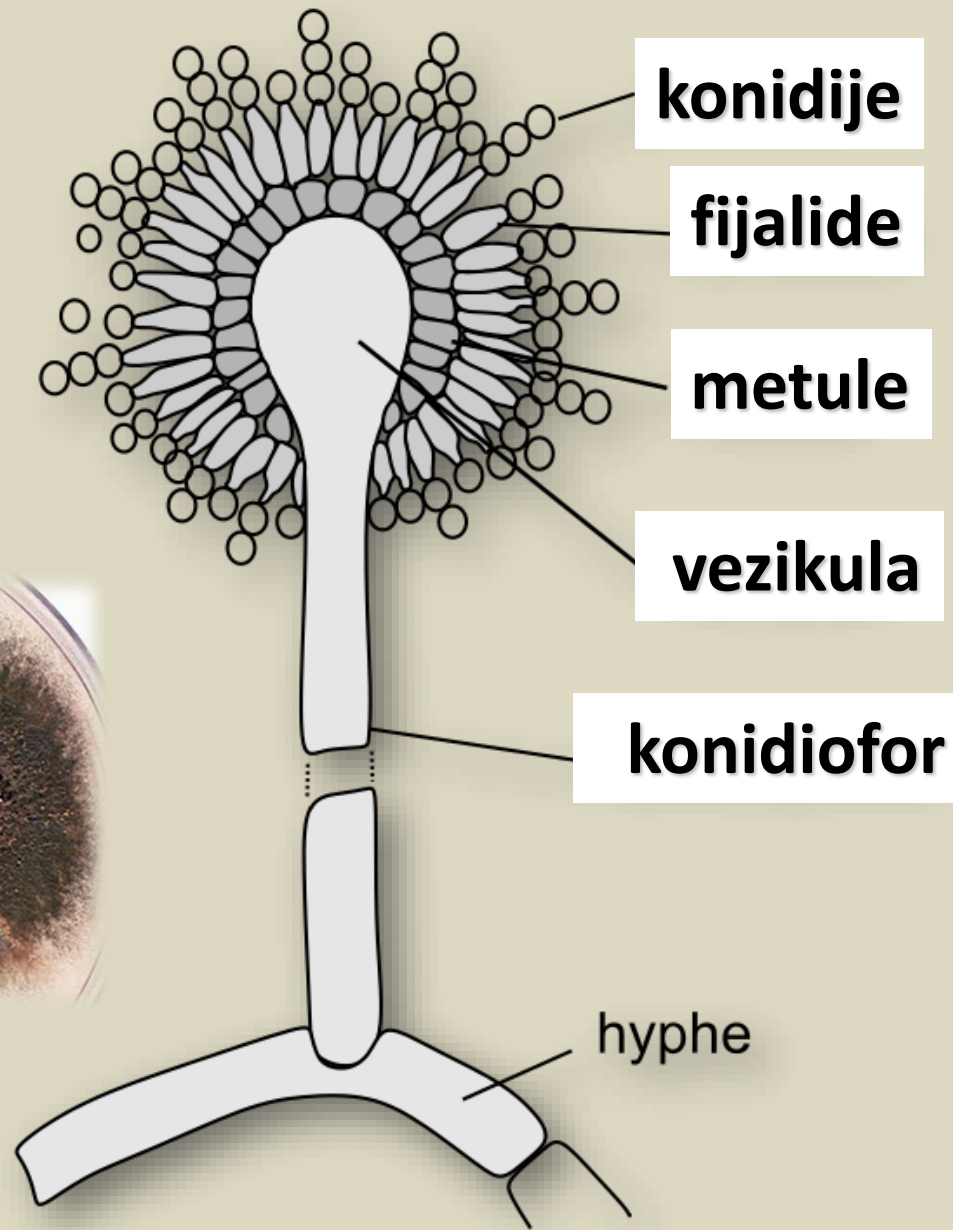
Rhizopus
stolonifer



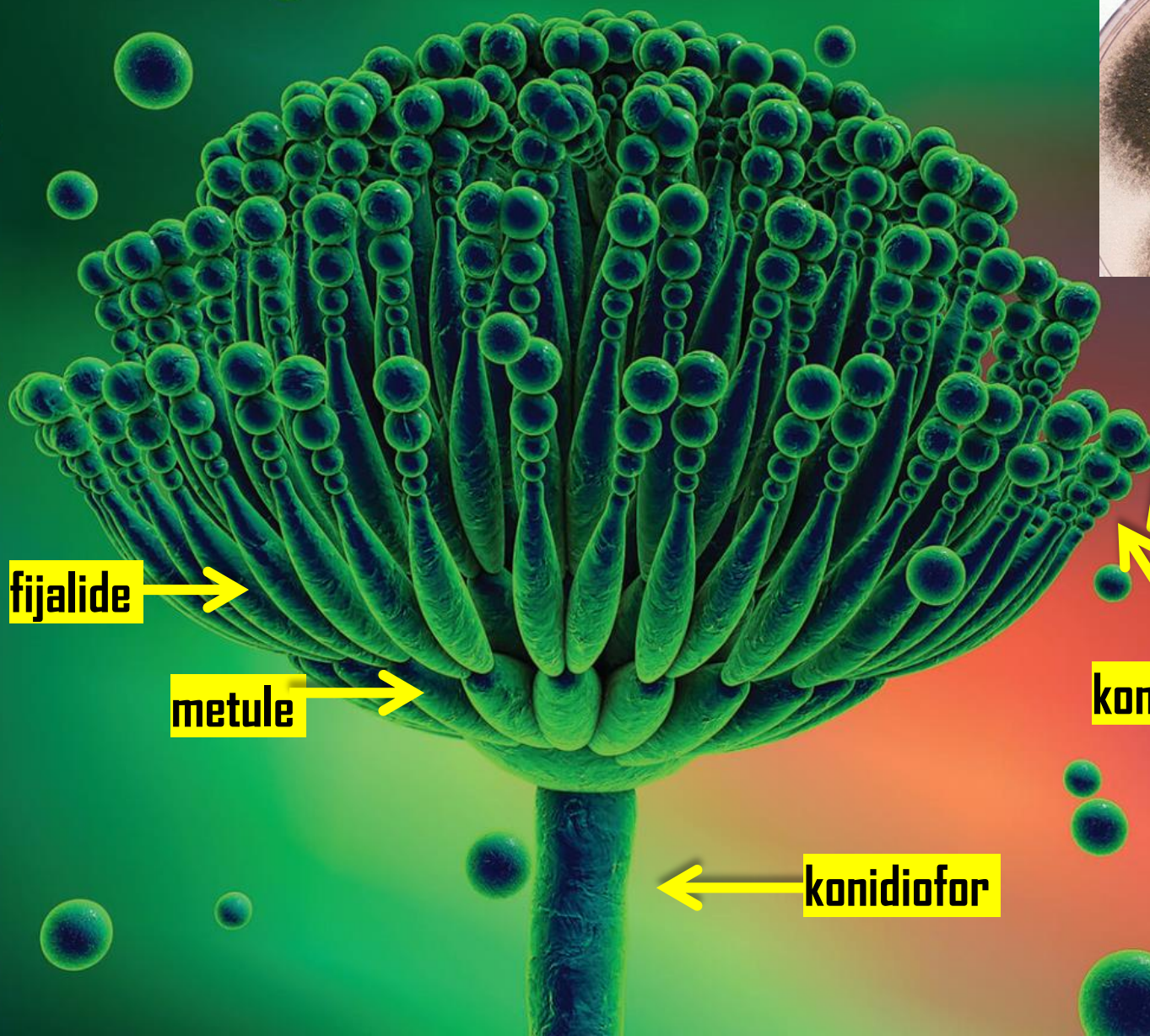
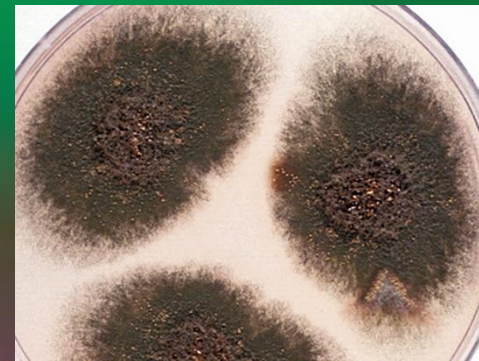
Subdivisio: DEUTEROMYCOTINA

(fungi imperfecti)

Aspergillus sp. - građa konidijskog aparata



Aspergillus sp.



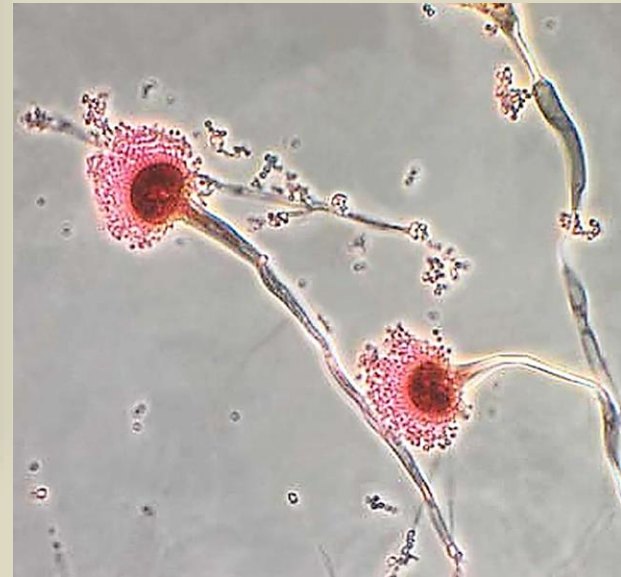
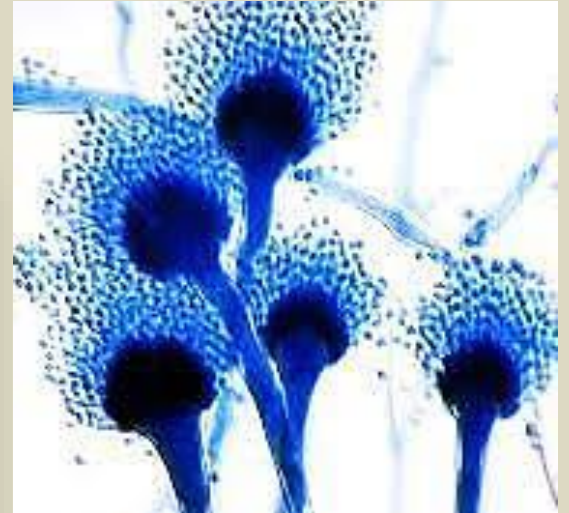
fijalide →

metule →

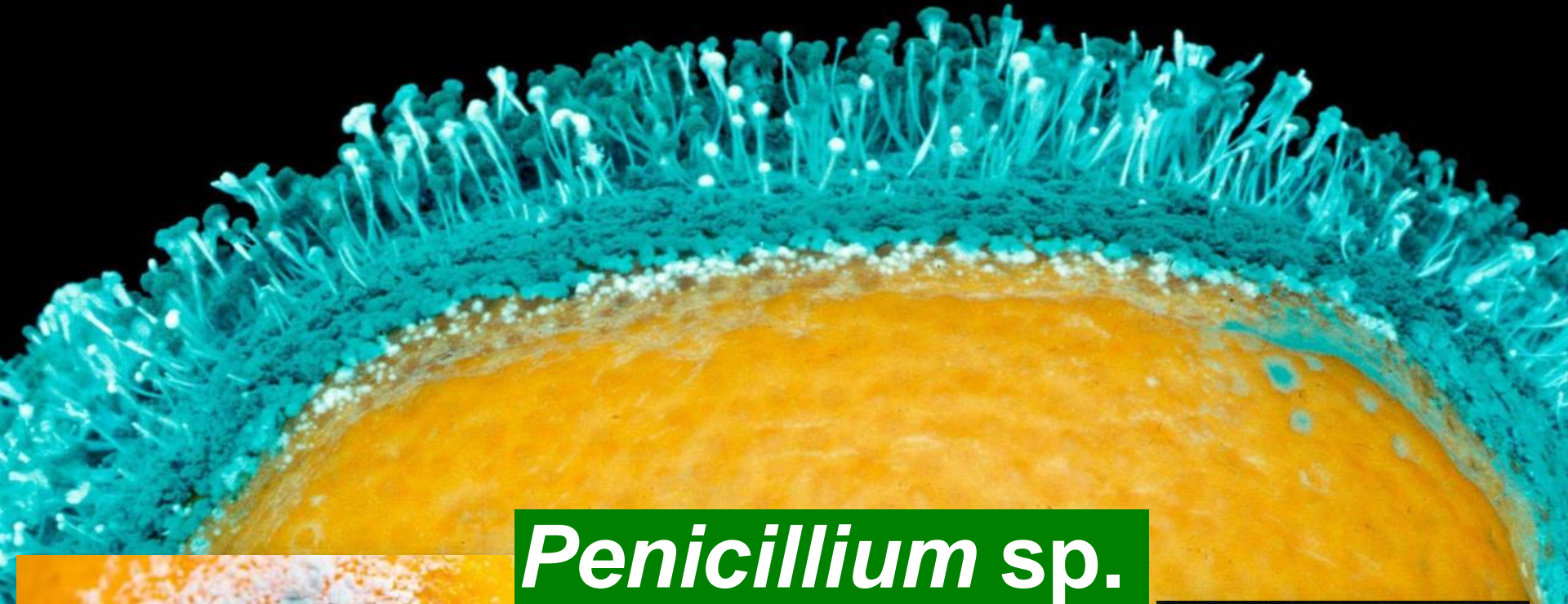
← konidiofor

↑↑ konidije u nizu

Aspergillus sp.

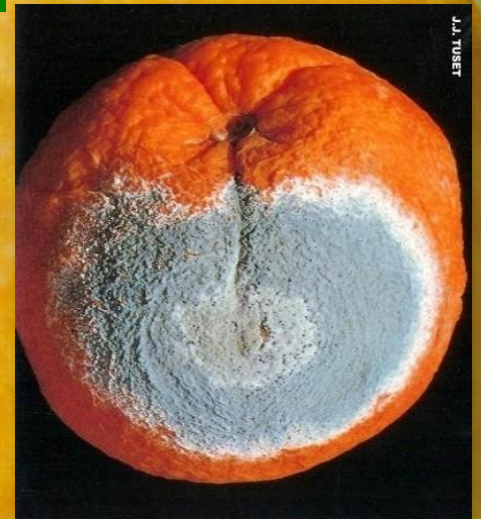


makroskopski izgled

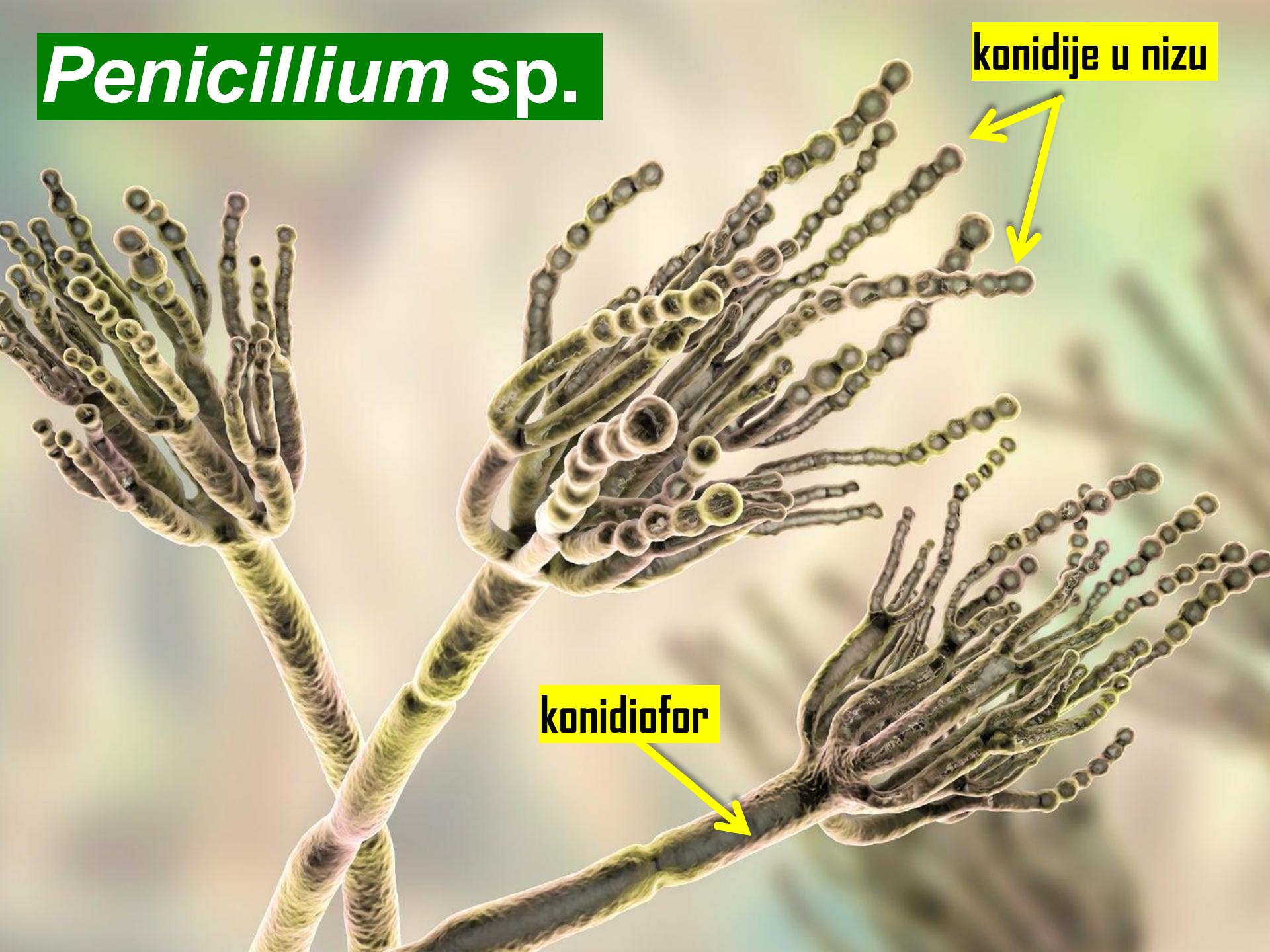


Penicillium sp.

(modra plijesan)



Penicillium sp.

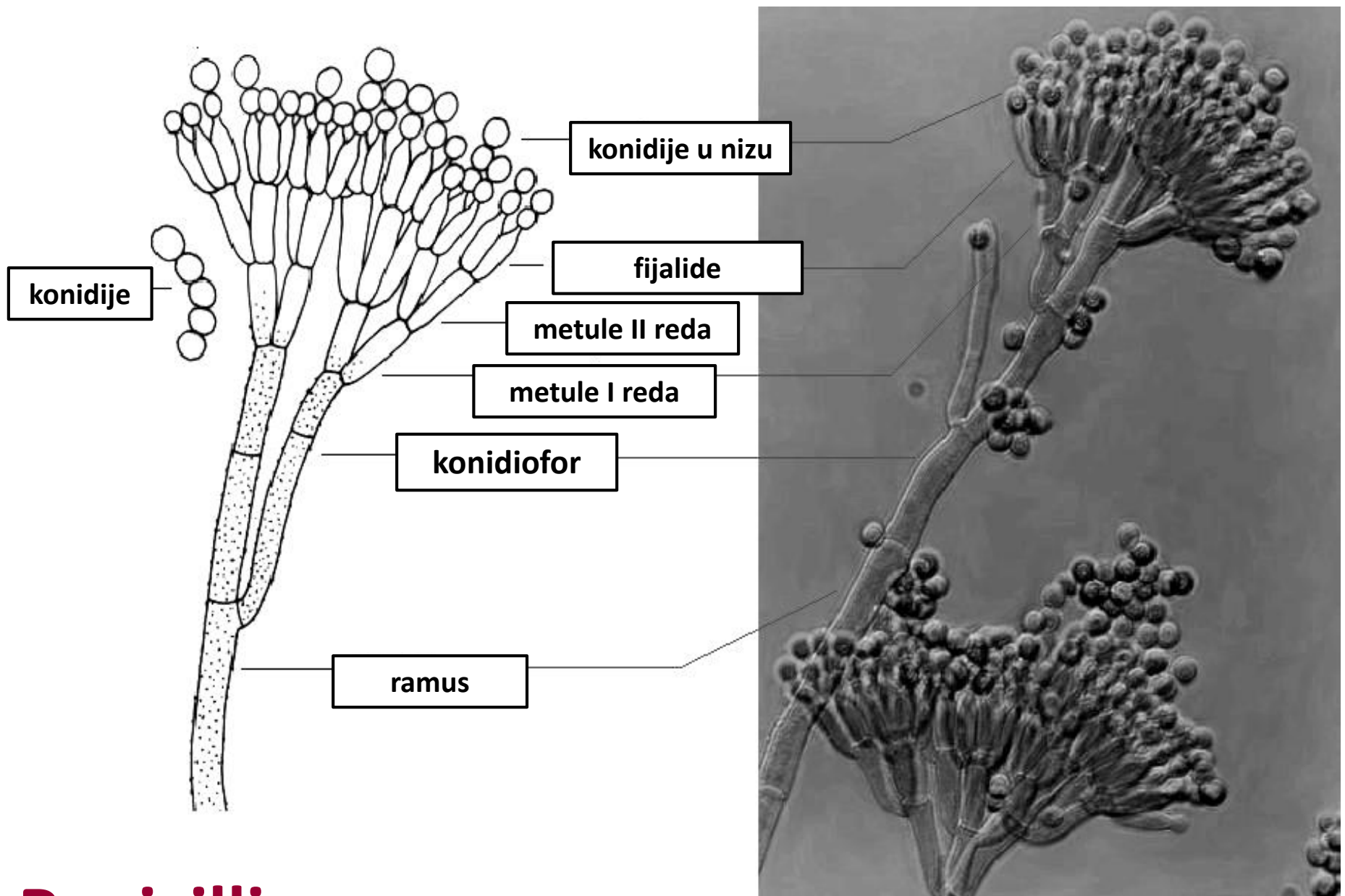


konidije u nizu

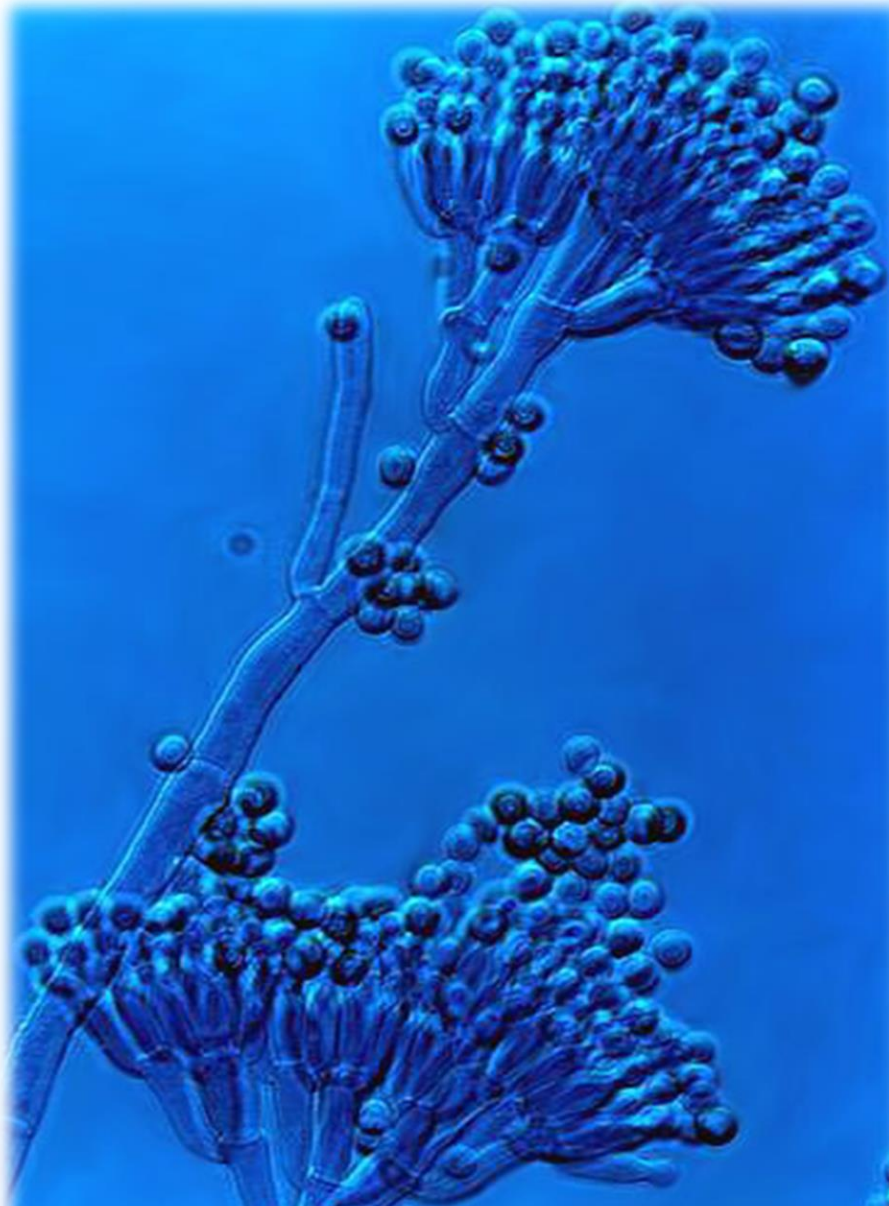


konidiofor

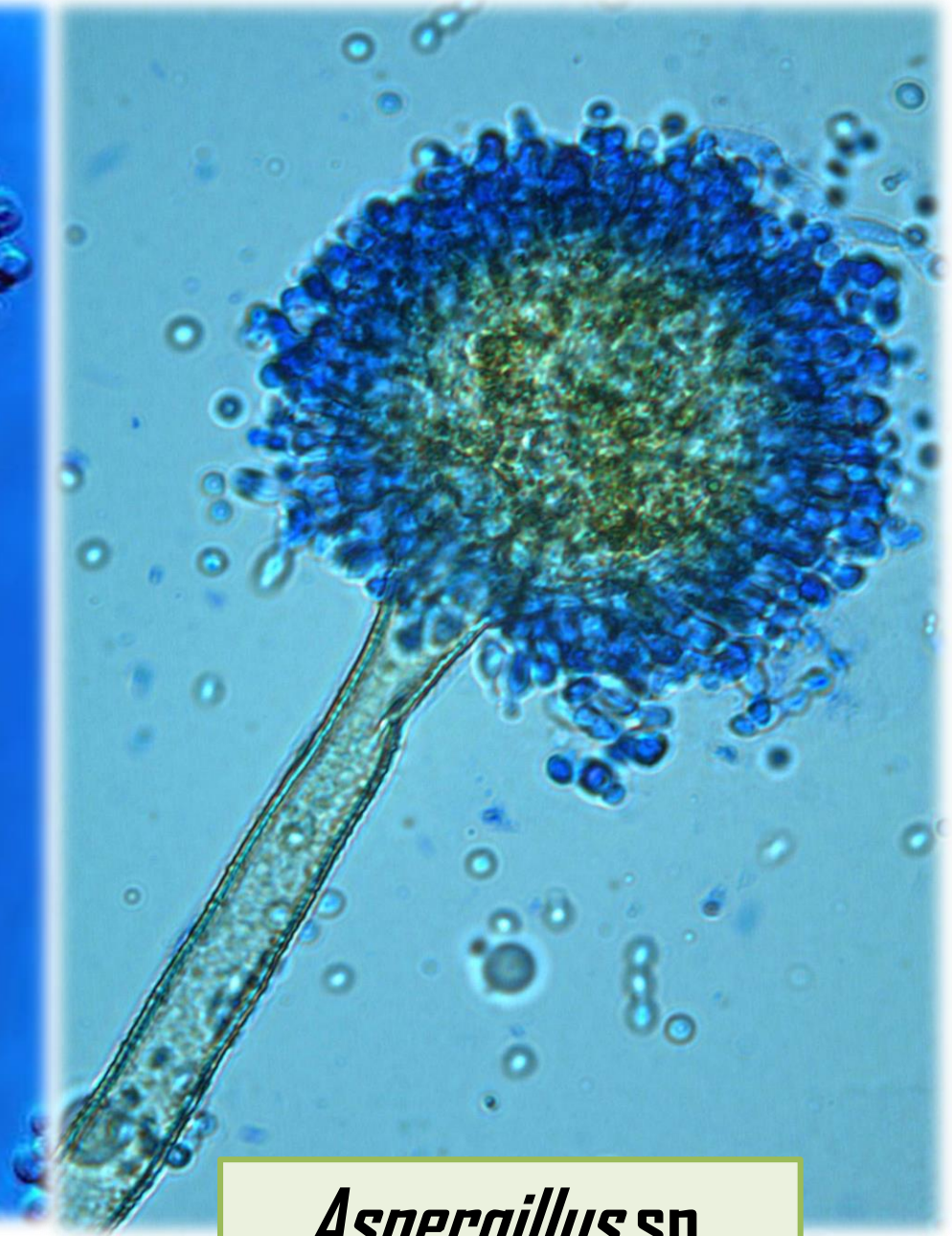




Penicillium sp. - građa konidijskog aparata



Penicillium sp.



Aspergillus sp.



Helminthosporium turcicum

Syn.

Setosphaeria turcica

Exserohilum turcicum

Helminthosporium
turcicum



konidije

Helminthosporium gramineum

Syn.

Pyrenophora graminea



Helminthosporium gramineum



konidije

***Cercospora beticola* (na listu repe)**



Cercospora beticola (na listu repe)



konidije



A



B



C



D



E



F



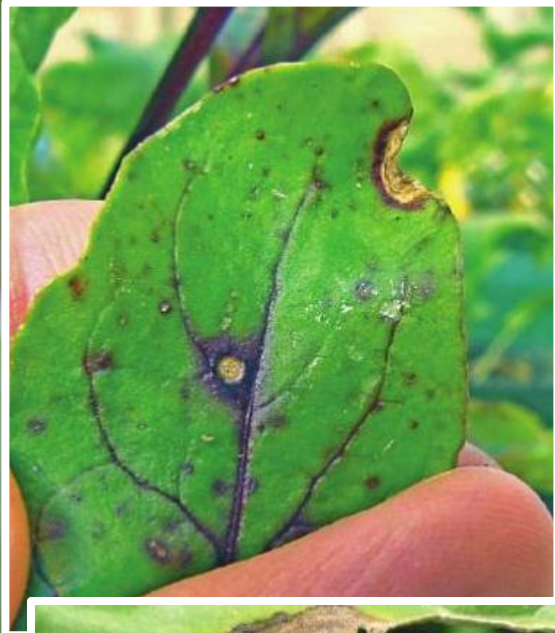
G



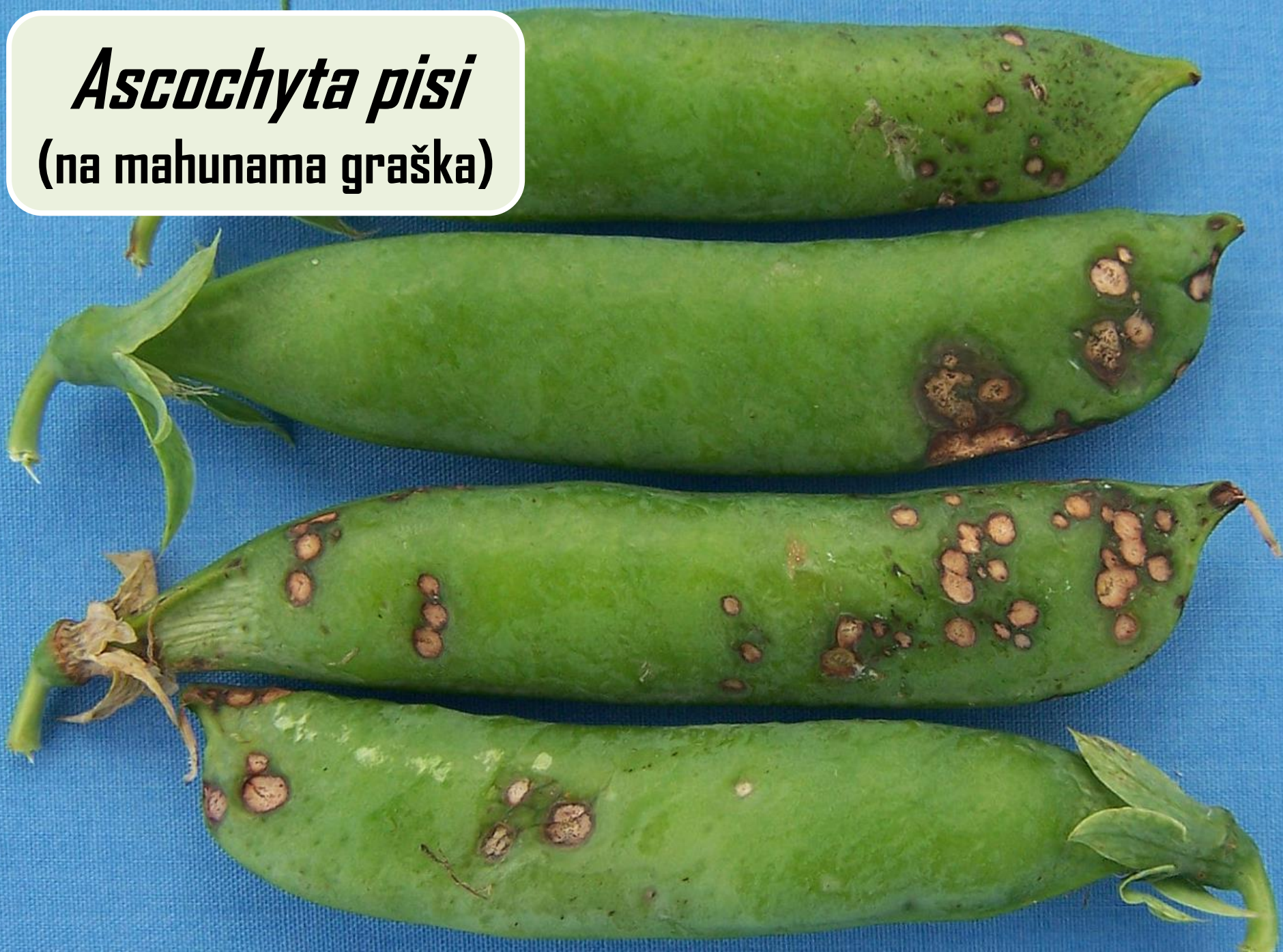
H

Phoma betae (na listu repe)

Phoma betae (na listu repe)



Ascochyta pisi
(na mahunama graška)



Ascochyta pisi
(na listu graška)



Ascochyta pis

promjene na različitim organima domaćina

