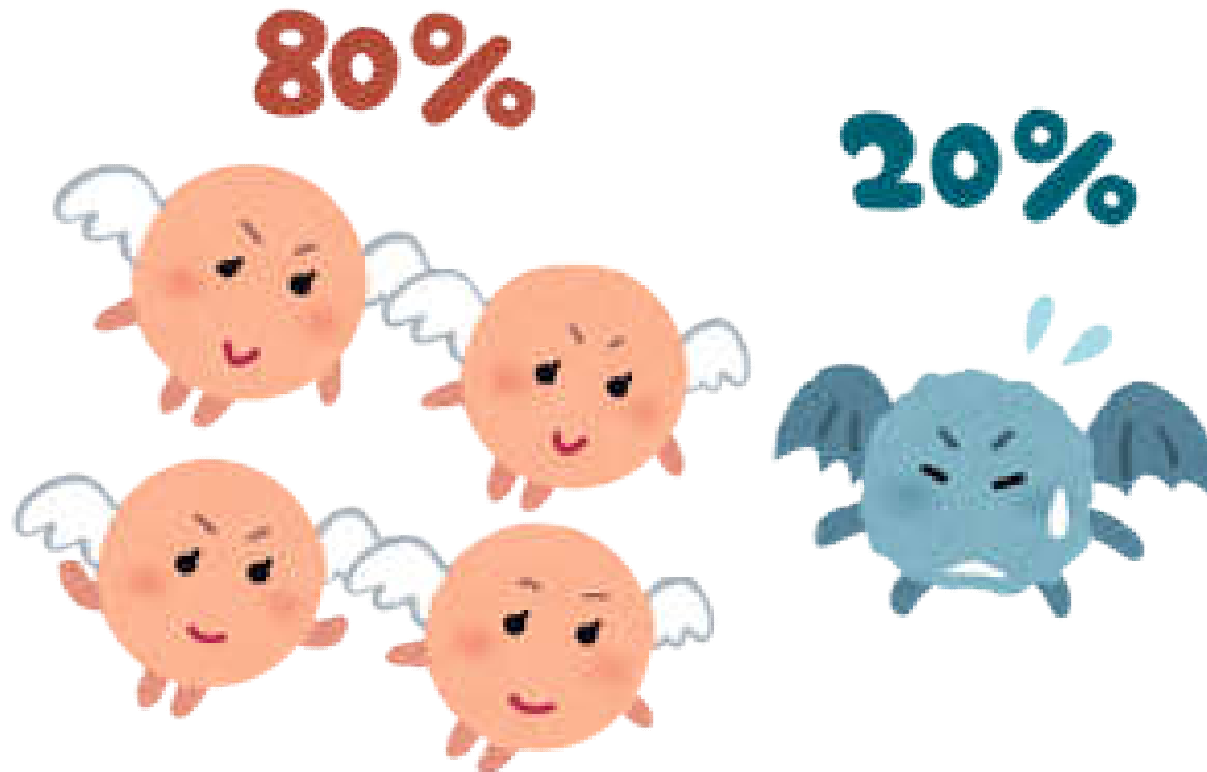
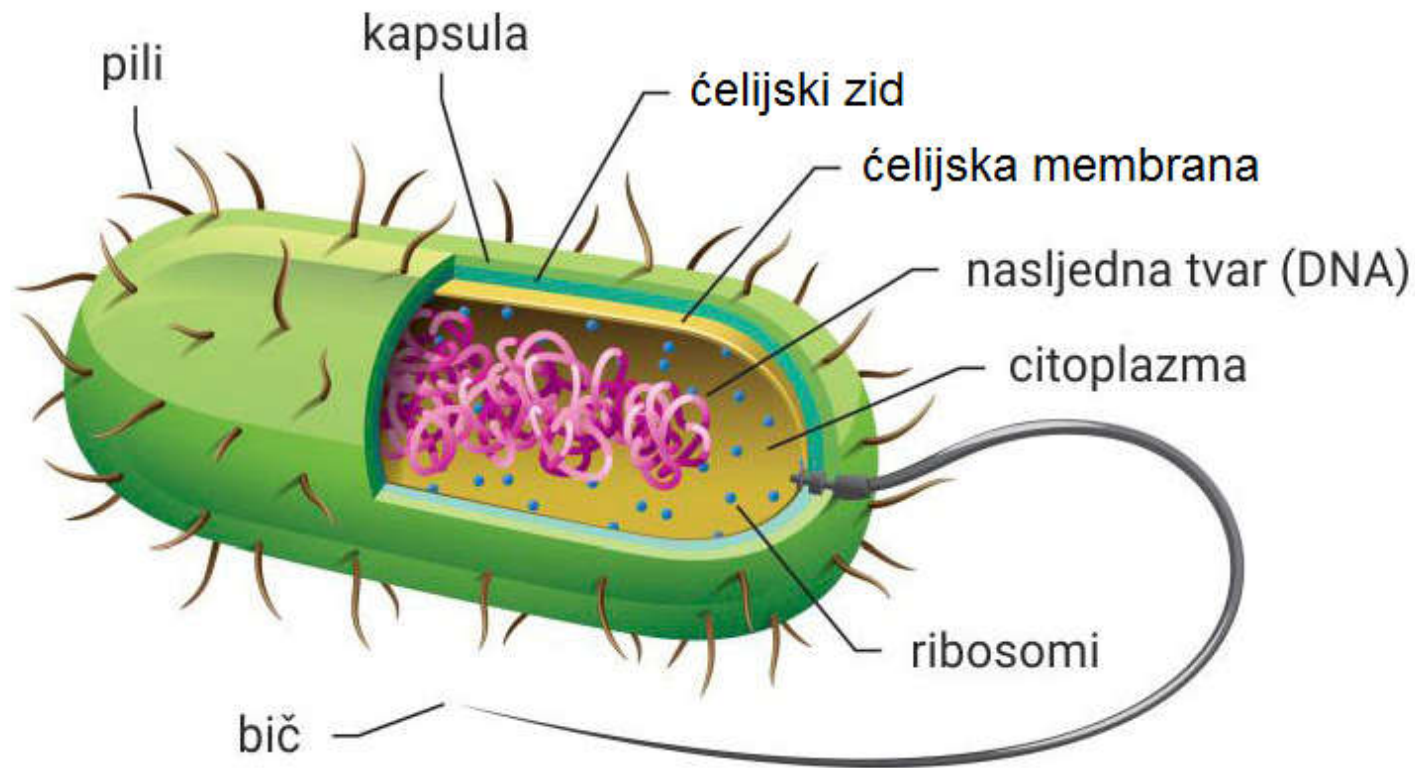


PROKARIOTI (*Procaryota*)

Bakterije (*Bacteria*)



Bakterije (*Bacteria*)



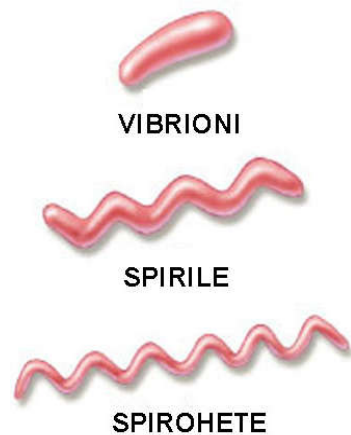
GRADA BAKTERIJE

- Imaju bičeve i fimbrije
- Posjeduju dugu molekulu DNK
- Imaju membranu a neke i kapsulu

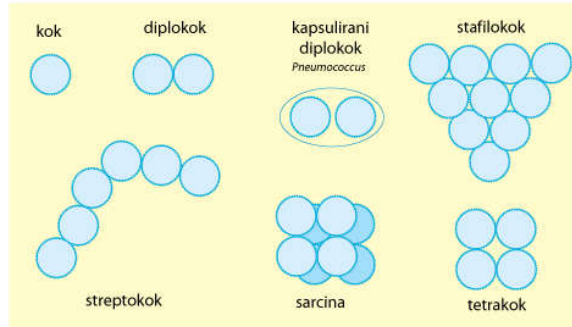
Bakterije (*Bacteria*)



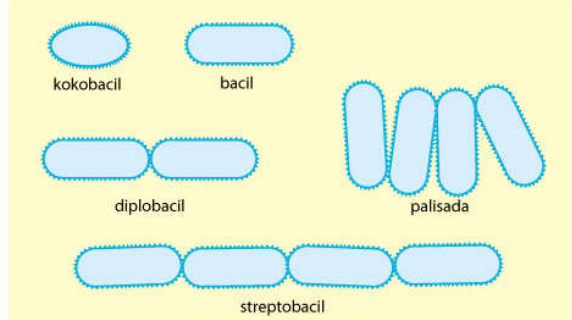
Raznolikost bakterijskih kolonija na agarskoj ploči



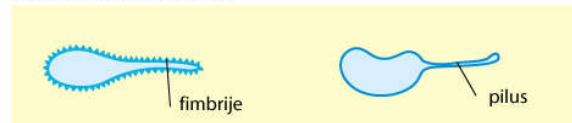
Koki



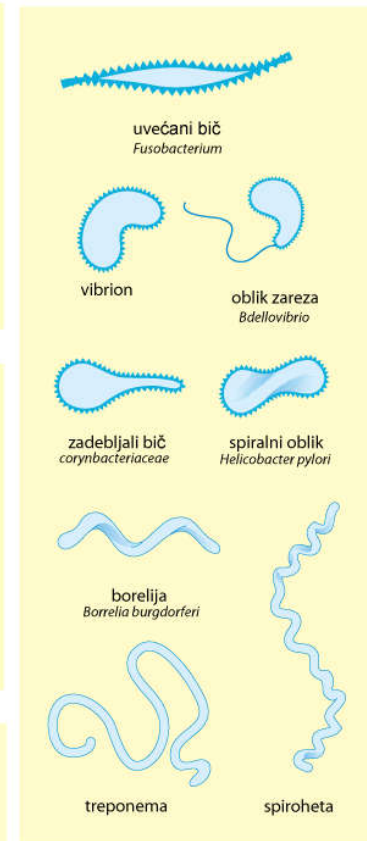
Bacili



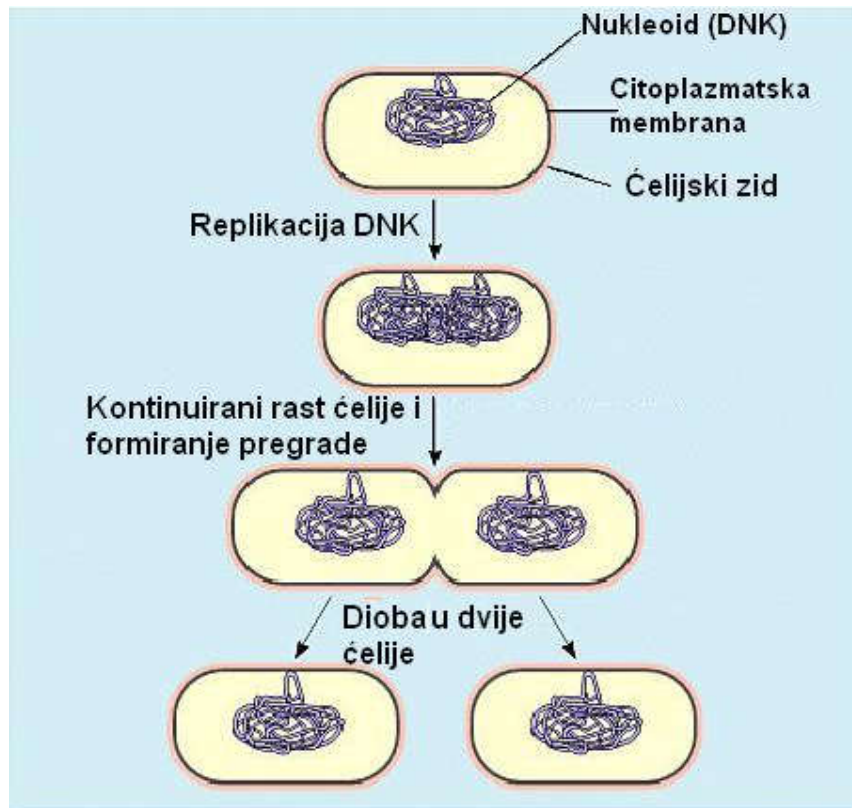
Dioba i prijanjanje bakterija



Ostali



Bakterije (*Bacteria*)



Razmnožavanje bakterija

Neke imaju fotosintetičke pigmente
(bakteriohlorofil i bakteriorodopsin)

Podjela bakterija

I. prema načinu proizvodnje hrane:

- a. fototrofne
- b. hemotrofne

II. prema načinu ishrane:

- a. autotrofi
- b. heterotrofi

III. prema izvoru organske supstance koju koriste:

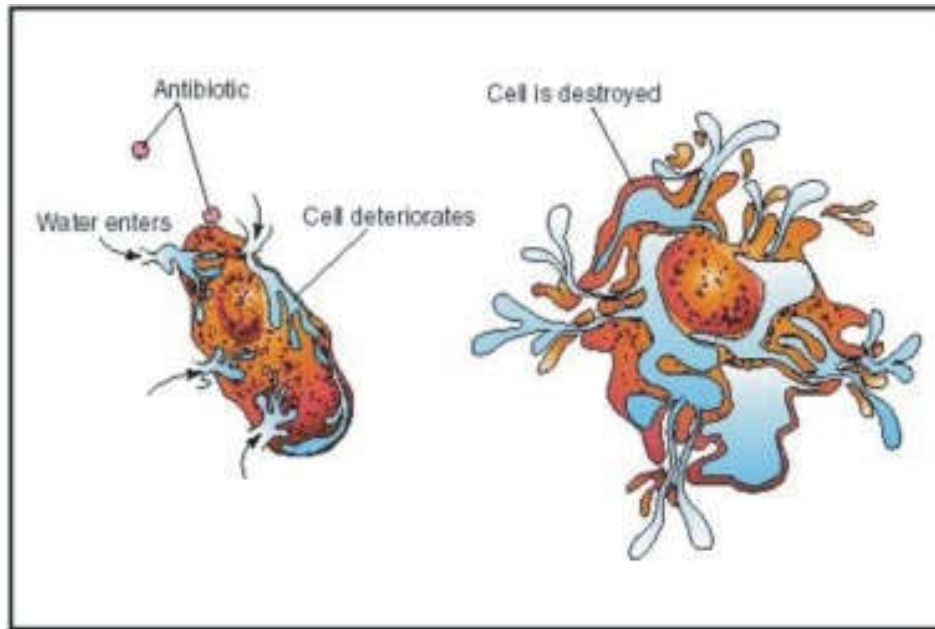
- a. saprofitske
- b. parazitske
- c. simbiotske

IV. prema načinu života spram vazduha:

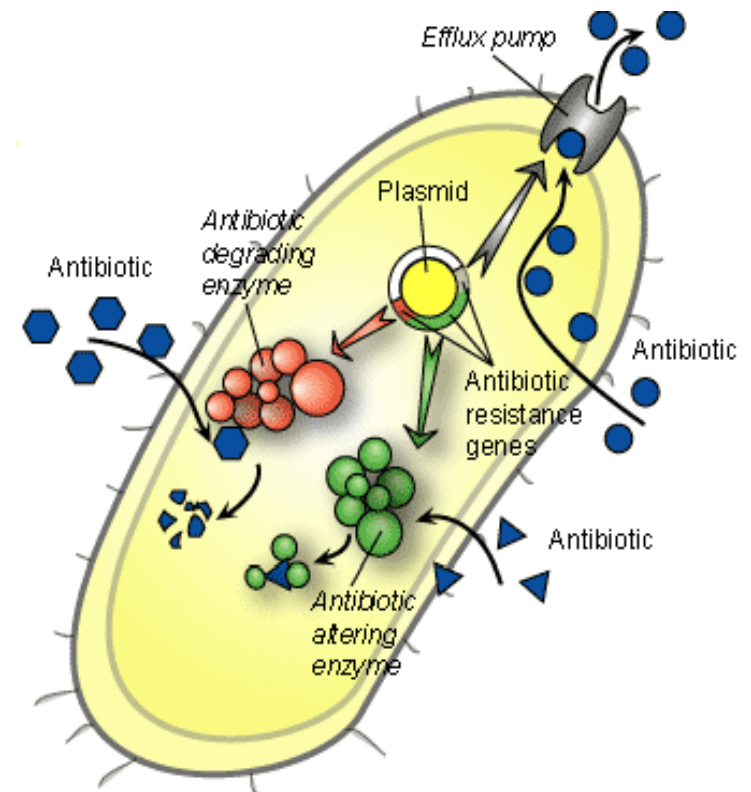
- a. aerobne
- b. anaerobne

Bakterije (*Bacteria*)

Načini djelovanja antibiotika



Baktericidno djelovanje



Bakteriostatično djelovanje

Bakterije (*Bacteria*)

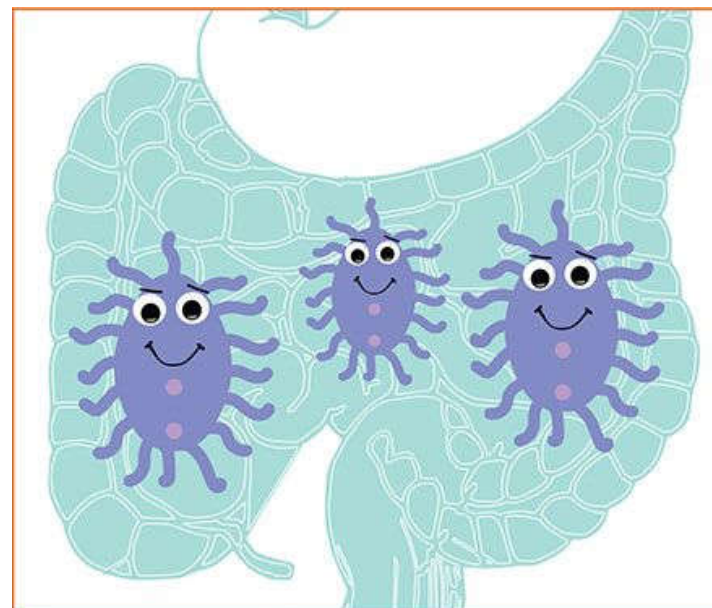
Značaj bakterija



Proizvodnja mliječnih proizvoda



Crijevna mikroflora



Vezivanje azota iz atmosfere

