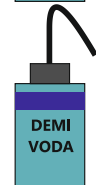
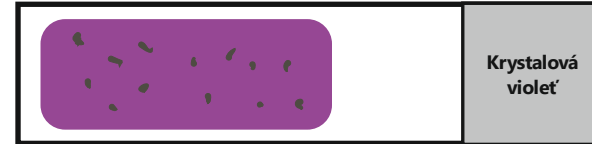
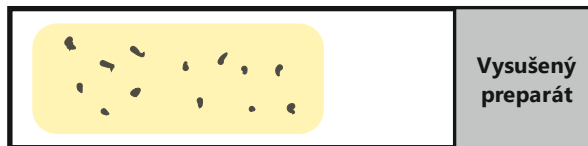
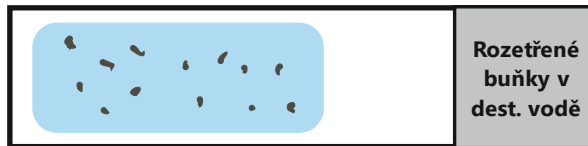
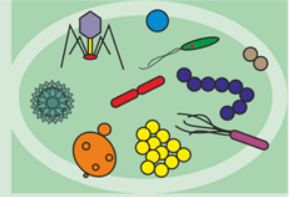


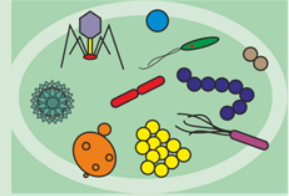
# Zápočtový preparát

(14.12.)

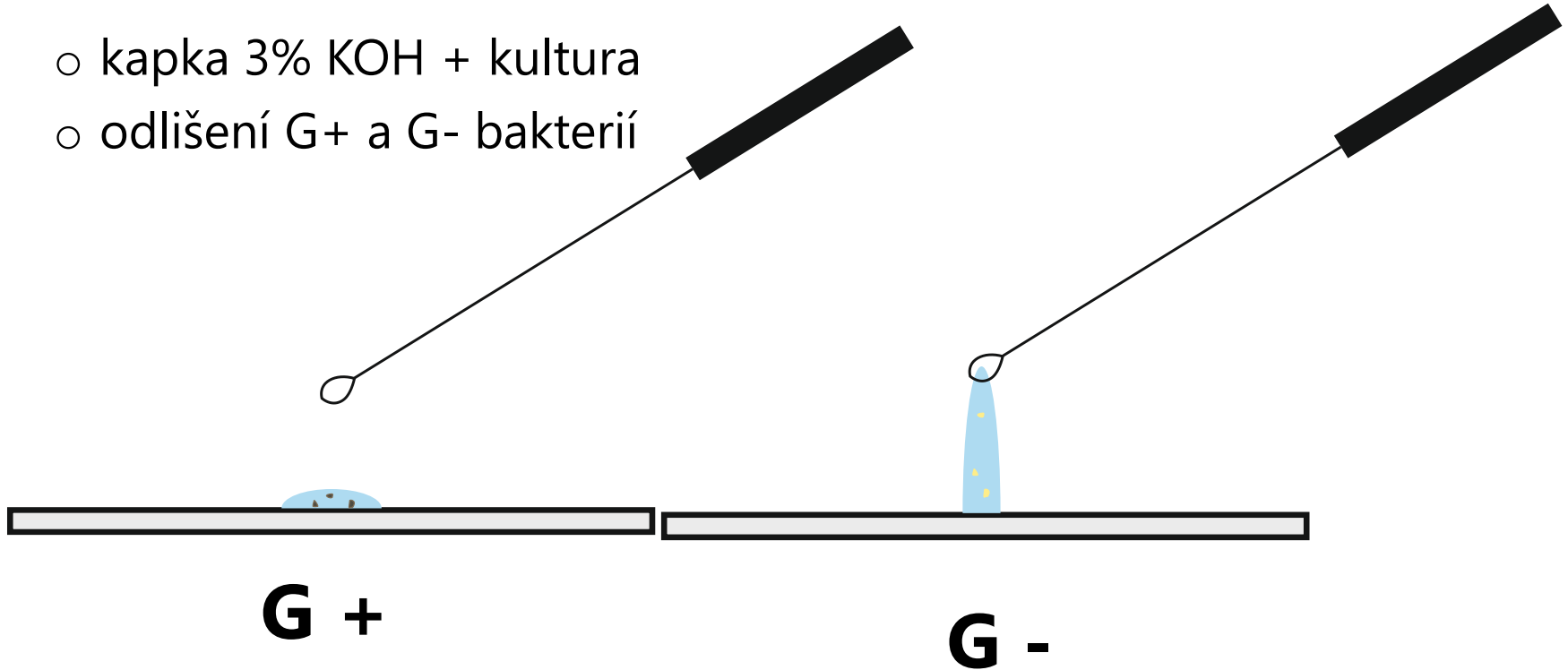
# Barvení dle Grama



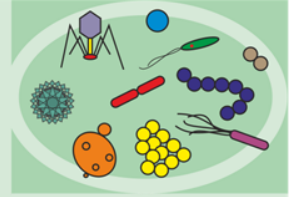
# KOH test



- kapka 3% KOH + kultura
- odlišení G+ a G- bakterií



# Katalázový test

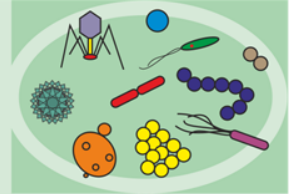


- schopnost redukce peroxidu vodíku
- enzym kataláza -> voda, kyslík
- rozmíchat kulturu v destilované vodě a přidat kapku  $\text{H}_2\text{O}_2$



**Kat -**

**Kat +**



# Oxidázový test (papírkový)

- detekce enzymu cytochrom c oxidázy
- kulturu nanést na čtverec s činidlem

**OXI + + +**  
(do 30 s)

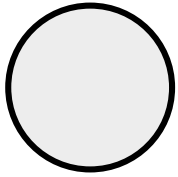
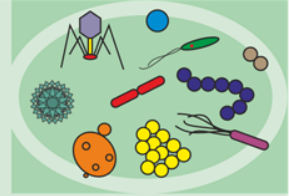


**OXI +**  
(do 2 min)



**OXI -**  
(bez změny nebo po 2 min)

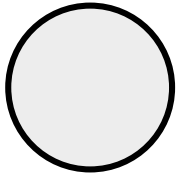
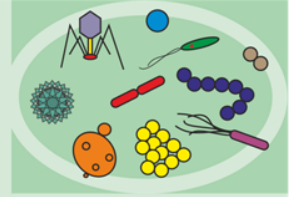
# *Escherichia coli* (G-)



**Kataláza +**  
**OXITEST -**

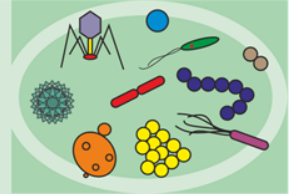


# *Pseudomonas putida* (G-)

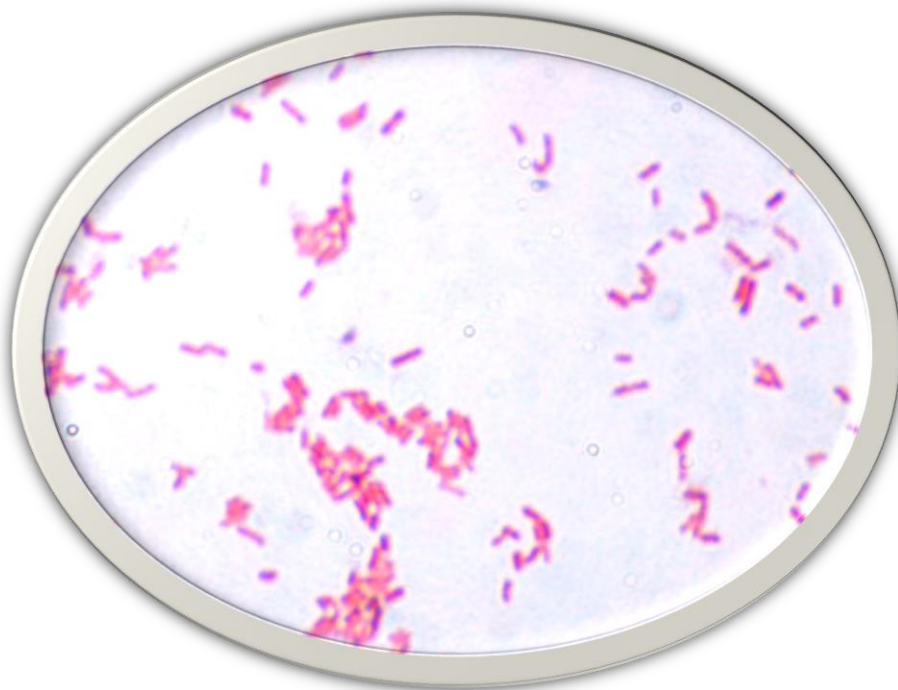
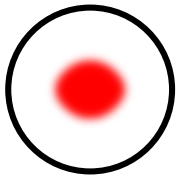


**Kataláza +**

**OXITEST +**



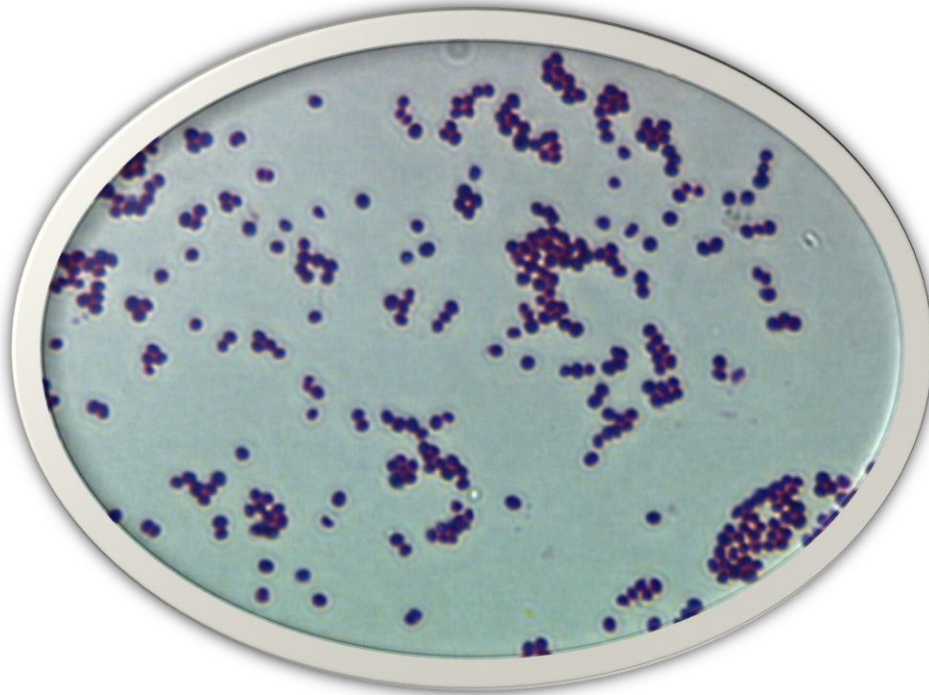
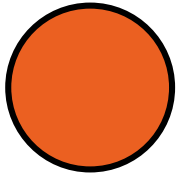
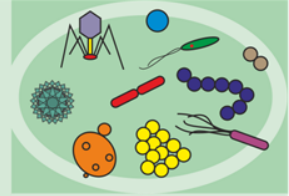
# *Serratia marcescens* (G-)



**Kataláza +**  
**OXITEST -**

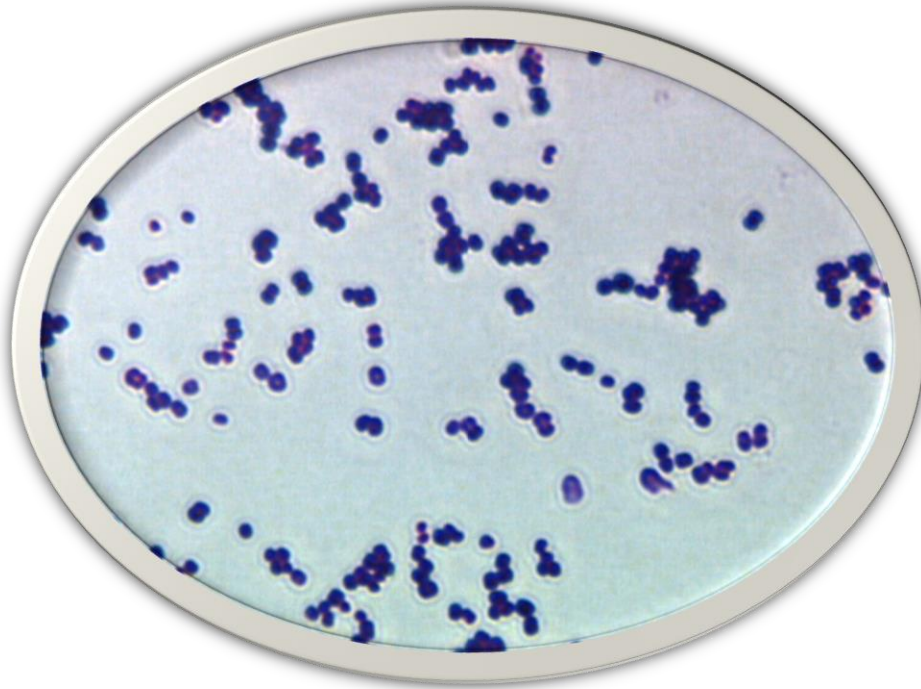
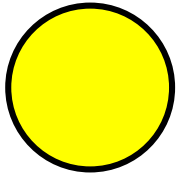
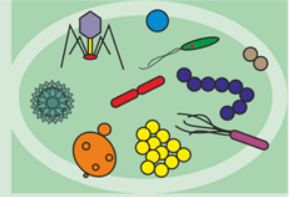


# *Kocuria rosea* (G+)



**Kataláza +**  
**OXITEST -**

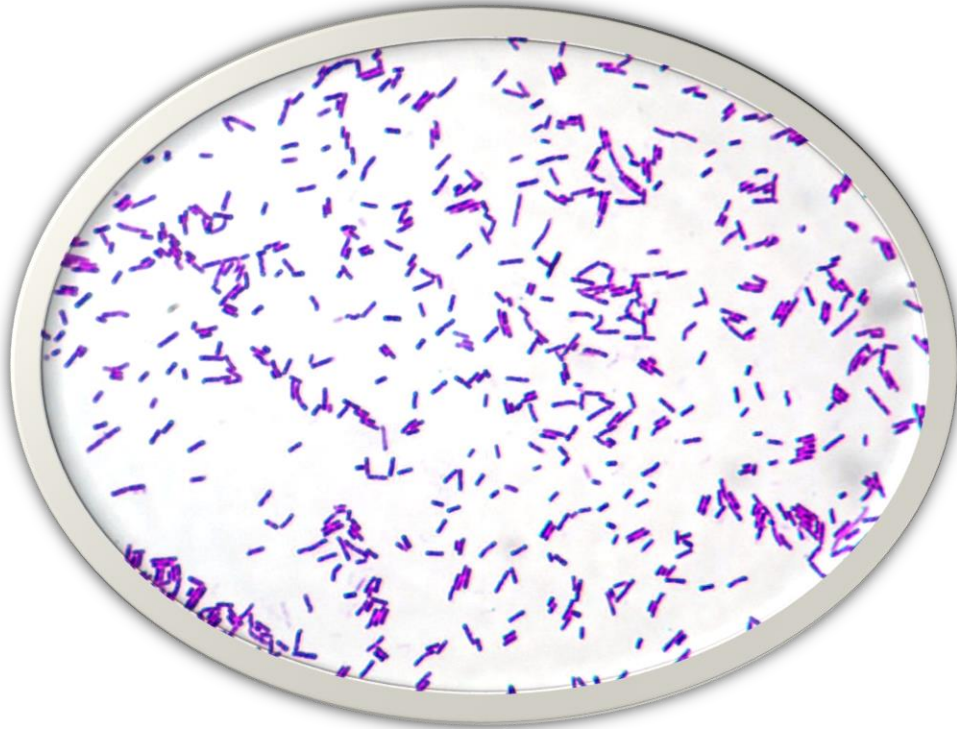
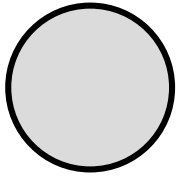
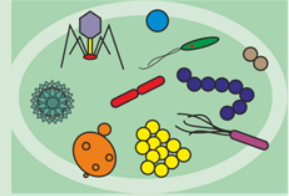
# *Micrococcus luteus* (G+)



**Kataláza +**

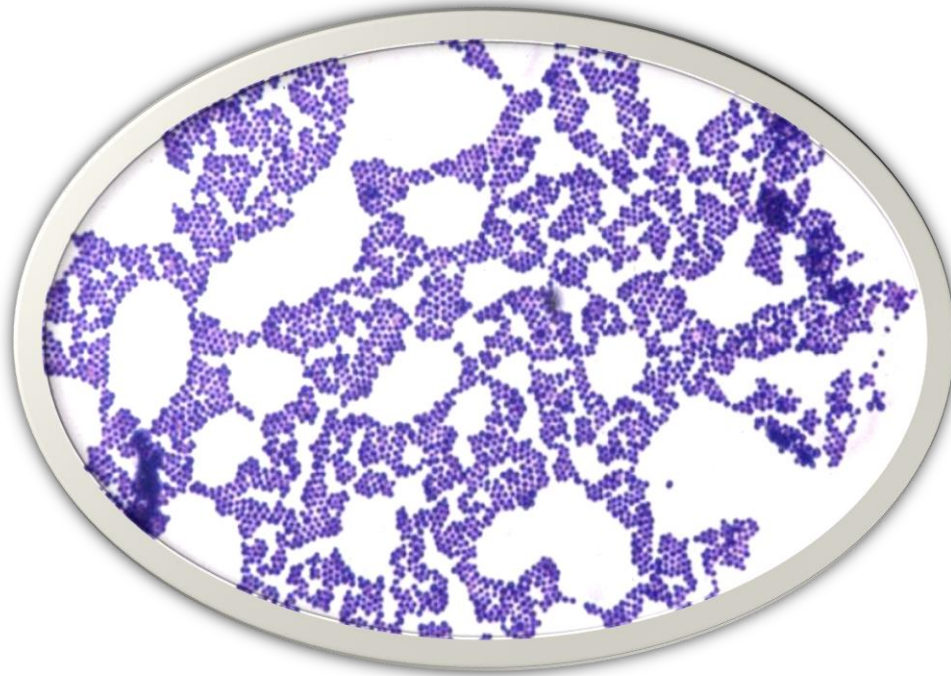
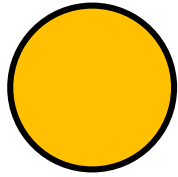
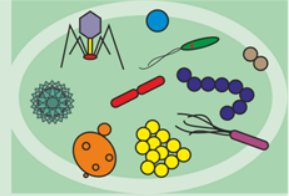
**OXITEST +**

# *Bacillus cereus* (G+)



**Kataláza +**  
**OXITEST +**

# *Staphylococcus aureus* (G+)



**Kataláza +**  
**OXITEST -**

# *Saccharomyces cerevisiae* (eukaryot)

