

## •Tvary bakt. buňky

**Koky** - sférické, oploštělé, lancetovité  
- diplo-, streptokoky, tetrády, sarciny, stafylokoky

**Tyčinky** – rovné, zakřivené, větvičí se, palisády pleomorfní

**Pupeny**

**Prostéky**

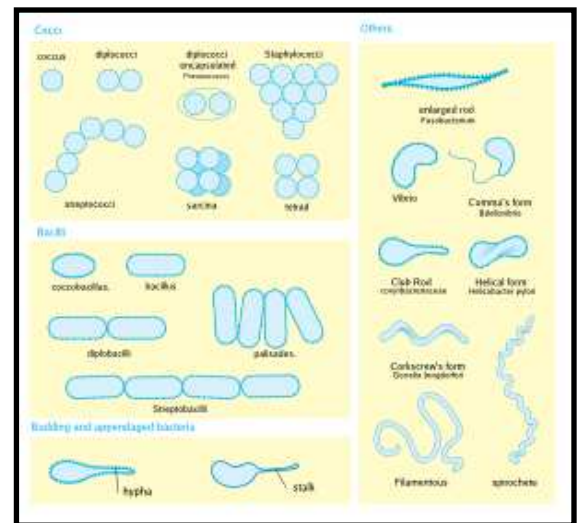
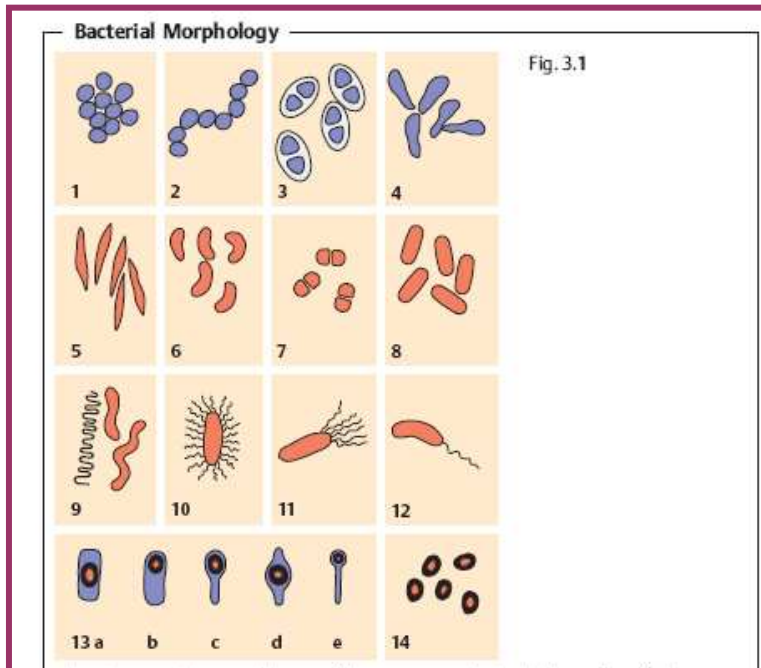
**Spirily**

**Hvězdice**

**Mycelia**

## •Velikost bakt. b. v $\mu\text{m}$

<i>Chlamydia</i>	0,3 x 0,3
<i>Bdellovibrio</i>	0,8 x 0,3
<i>Rickettsia</i>	1 x 0,3
<i>S. aureus</i>	0,8-1 x 0,8-1
<i>E. coli</i>	2-3 x 0,4-0,6
<i>B. subtilis</i>	1,8-4,8 x 0,9-1,1
<i>Streptomyces</i>	vlákno x 0,7-1,6
<i>Chromatium</i>	25 x 10
Spirochety	500



1. Gram-positive cocci in grape-like clusters (staphylococci)
2. Gram-positive cocci in chains (streptococci)
3. Gram-positive cocci with capsules (pneumococci)
4. Gram-positive, club-shaped, pleomorphic rods (corynebacteria)
5. Gram-negative rods with pointed ends (fusobacteria)
6. Gram-negative curved rods (here comma-shaped vibrios)
7. Gram-negative diplococci, adjacent sides flattened (neisseria)
8. Gram-negative straight rods with rounded ends (coli bacteria)
9. Spiral rods (spirilla) and Gram-negative curved rods (*Helicobacter*)
10. Peritrichous flagellation
11. Lophotrichous flagellation
12. Monotrichous flagellation
13. Formation of endospores (sporulation) in cells of the genera *Bacillus* and *Clostridium* (spore stain)
  - a) Central spore, vegetative cell shows no swelling
  - b) Terminal spore, vegetative cell shows no swelling
  - c) Terminal spore ("tennis racquet")
  - d) Central spore, vegetative cell shows swelling
  - e) Terminal spore ("drumstick")
14. Free spores (spore stain)