

Buněčná teorie

výtah z přednášky

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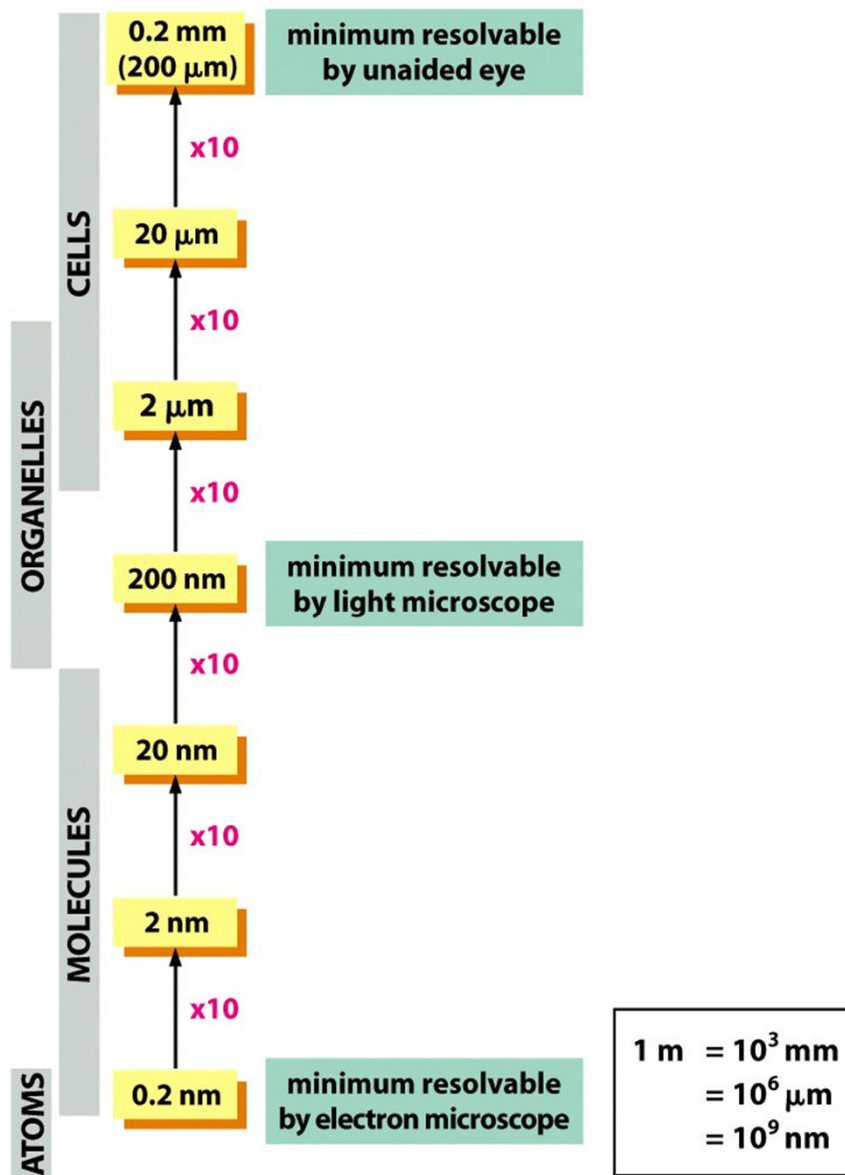


Figure 1-6 Essential Cell Biology 3/e (© Garland Science 2010)

Velikost buněk a jejich částí s uvedením jednotek, ve kterých se tyto velikosti měří.

Srovnání velikostí živých buněk a atomů

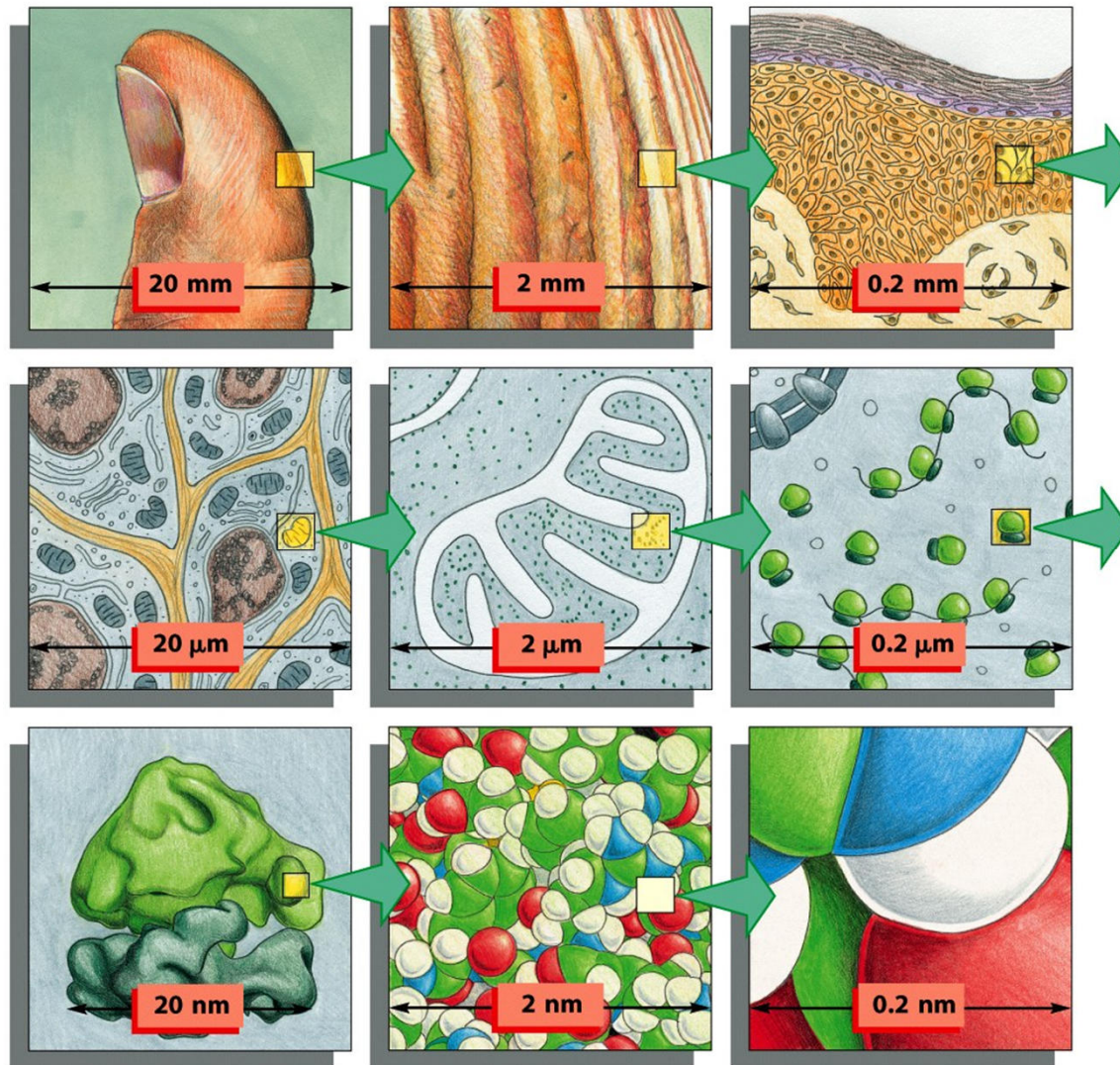


Figure 1-9 Essential Cell Biology 3/e (© Garland Science 2010)

Tři domény života na Zemi

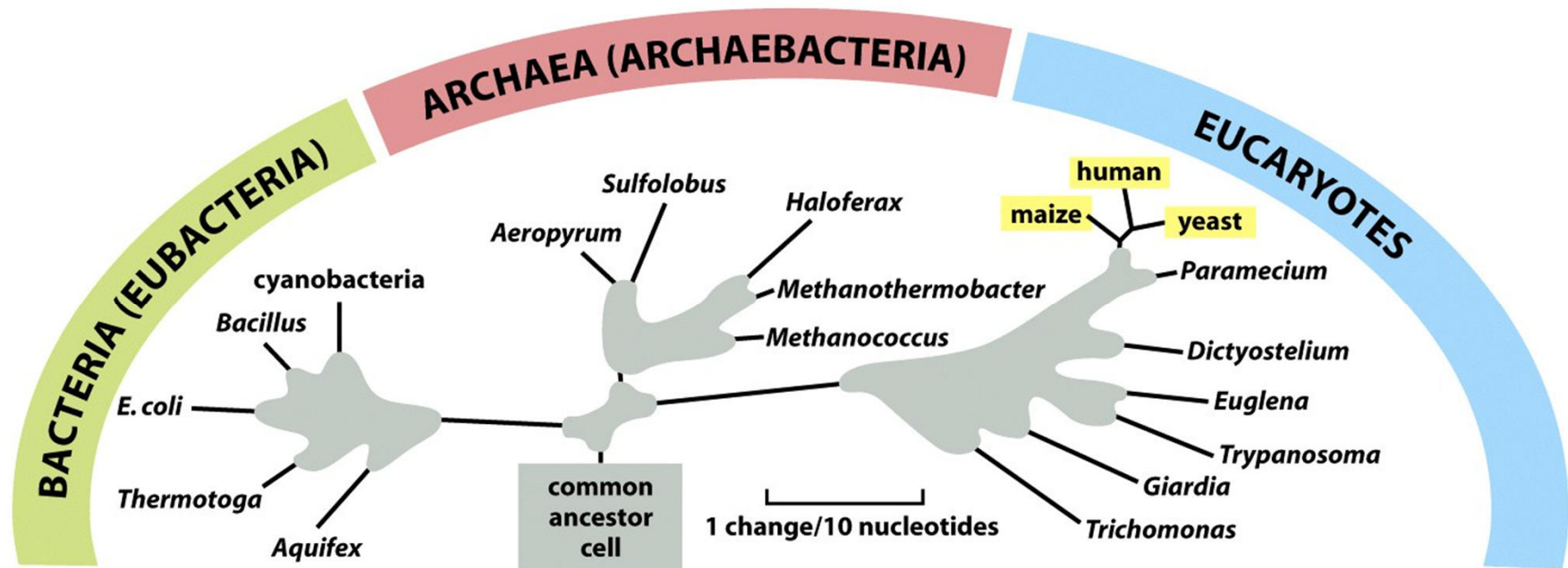
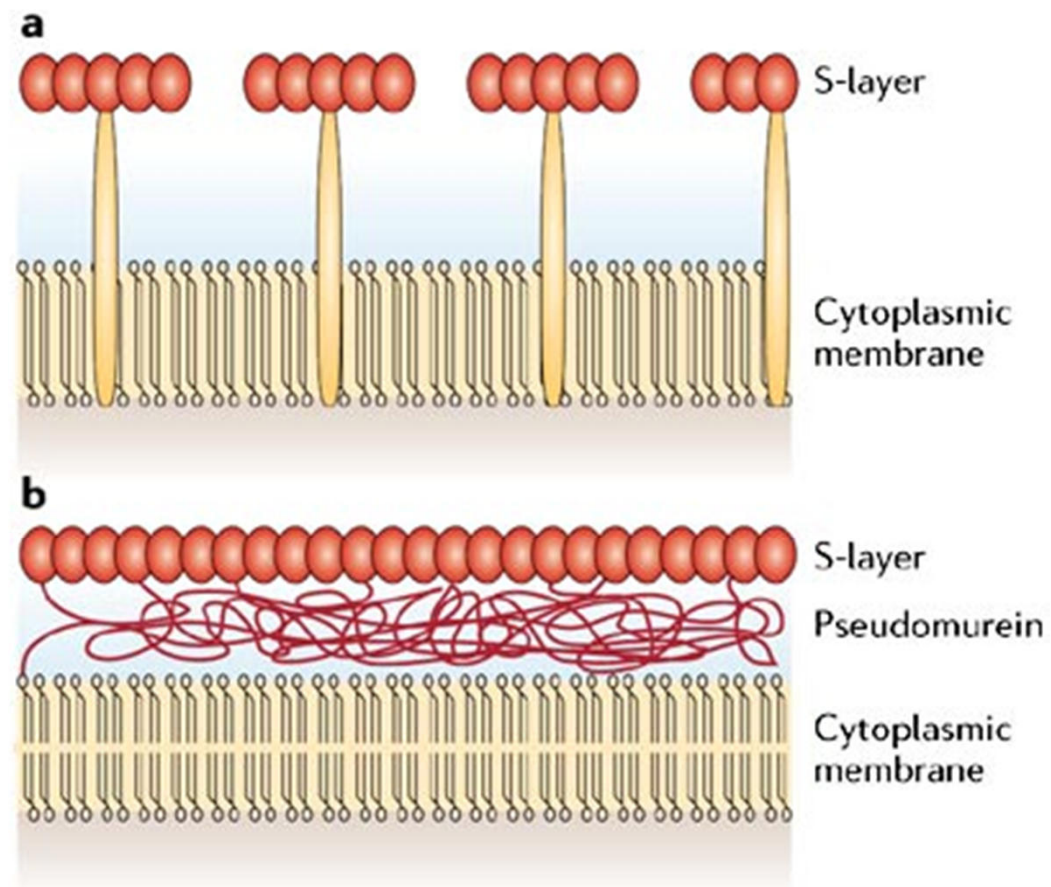


Figure 1-21 Molecular Biology of the Cell 5/e (© Garland Science 2008)

Archea - struktury na povrchu plasmatické membrány



Hydrotermální vývěry na oceánském dně

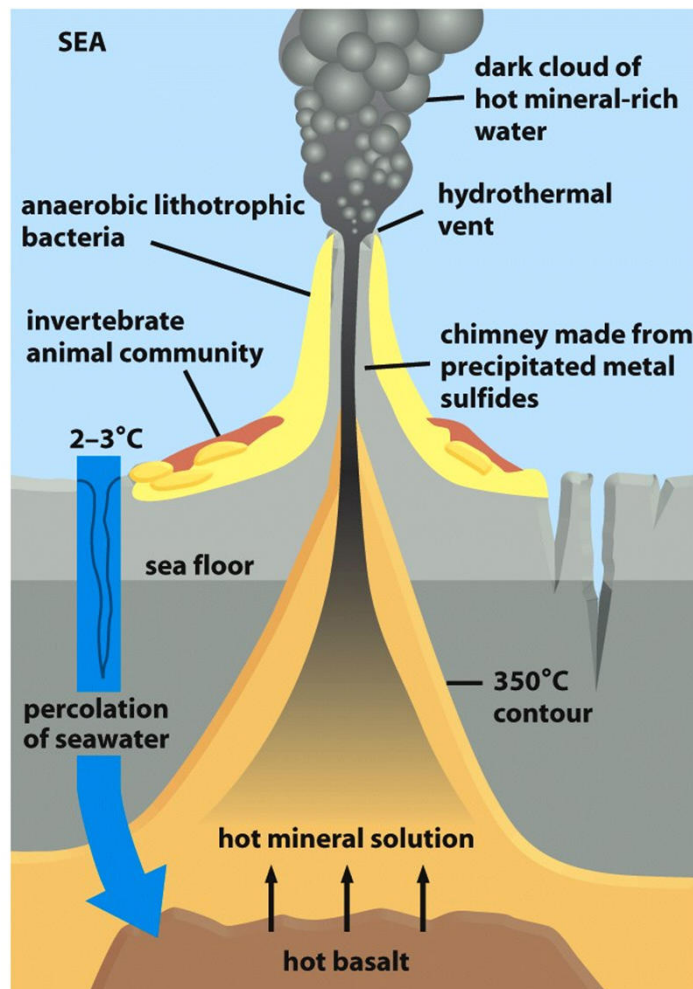


Figure 1-15 Molecular Biology of the Cell 5/e (© Garland Science 2008)

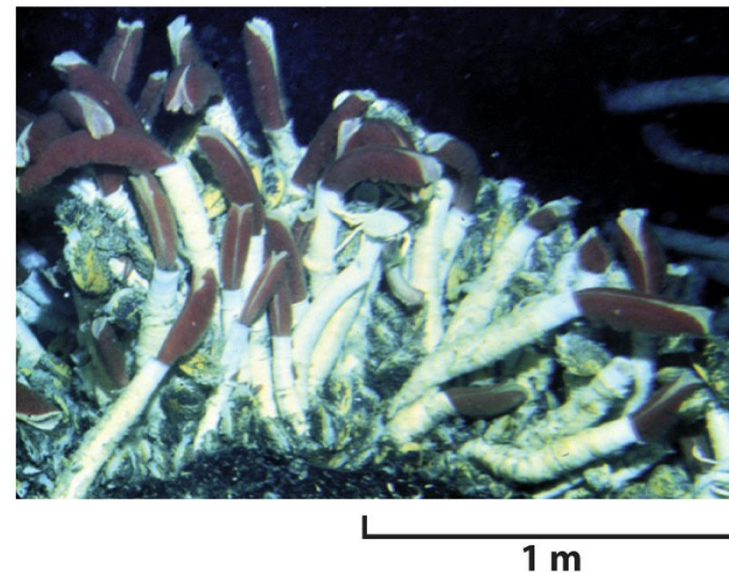
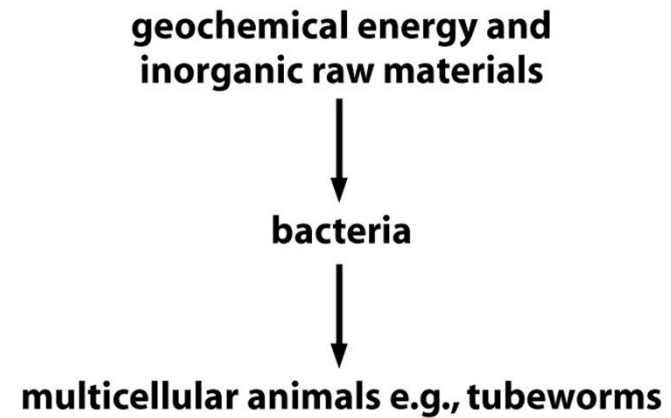
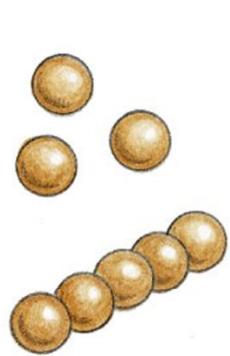
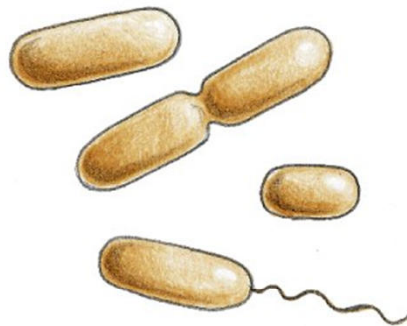


Figure 1-16 Molecular Biology of the Cell 5/e (© Garland Science 2008)

Tvary a velikosti bakterií



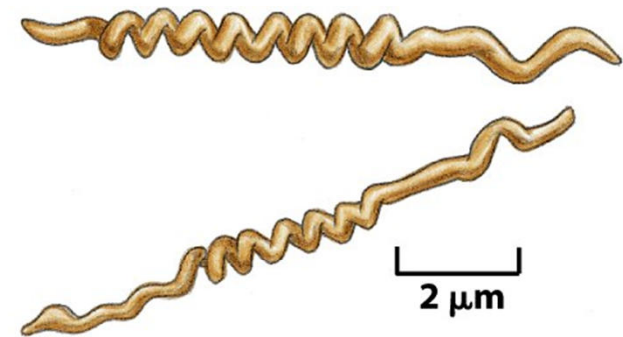
spherical cells
e.g., *Streptococcus*



rod-shaped cells
e.g., *Escherichia coli*,
Vibrio cholerae



the smallest cells
e.g., *Mycoplasma*,
Spiroplasma



spiral cells
e.g., *Treponema pallidum*

Figure 1-17 Molecular Biology of the Cell 5/e (© Garland Science 2008)

Stavba prokaryotické buňky

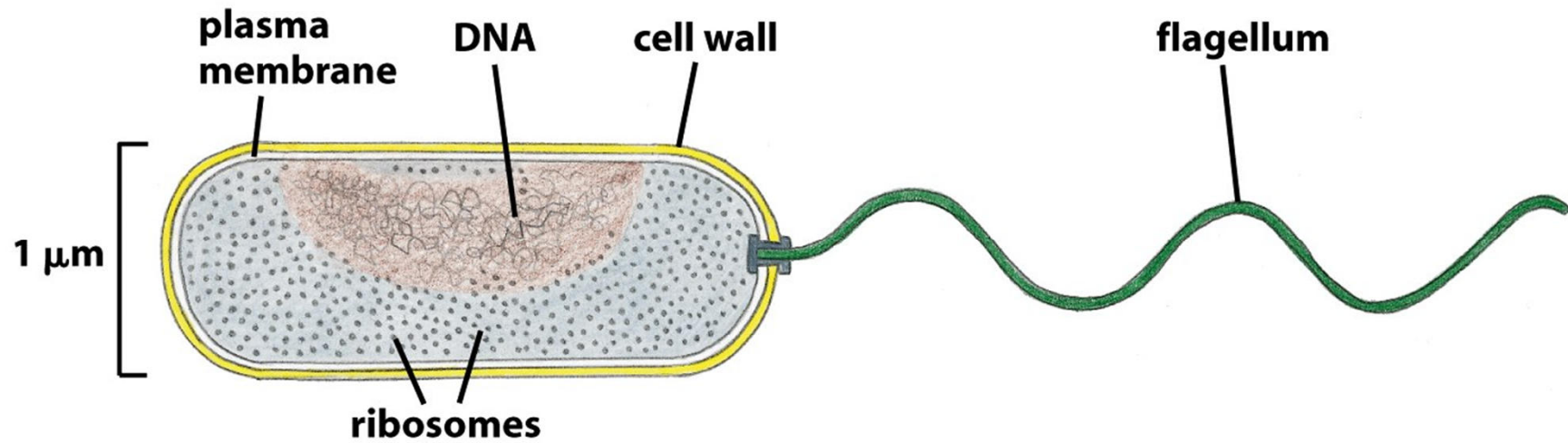
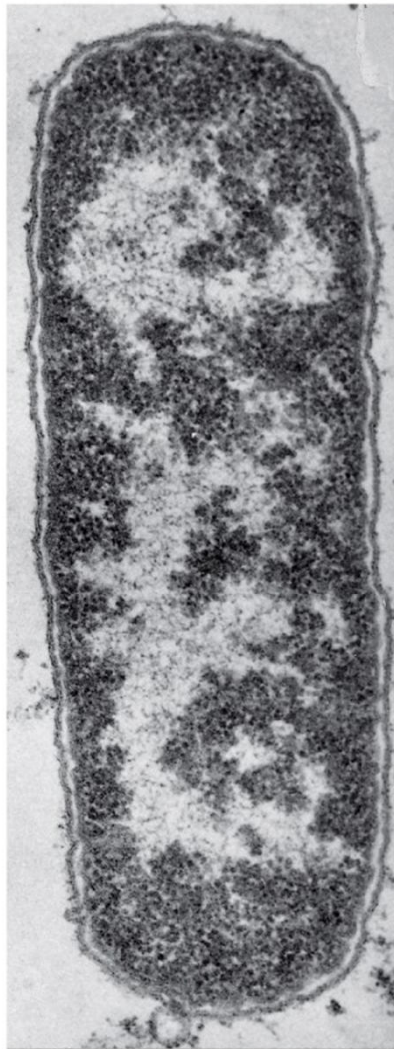


Figure 1-18a Molecular Biology of the Cell 5/e (© Garland Science 2008)



1 μm

Bakterie *Escherichia coli*

Figure 1-18b Molecular Biology of the Cell 5/e (© Garland Science 2008)

Struktura a funkce prokaryotického bičíku

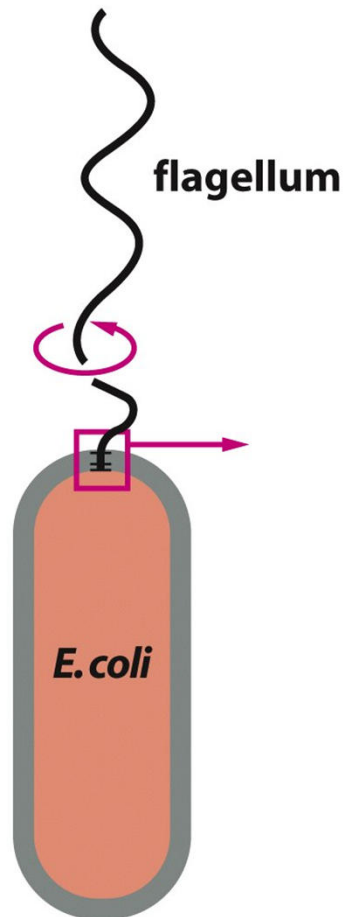


Figure 15-71a part 1 of 2 Molecular Biology of the Cell 5/e (© Garland Science 2008)

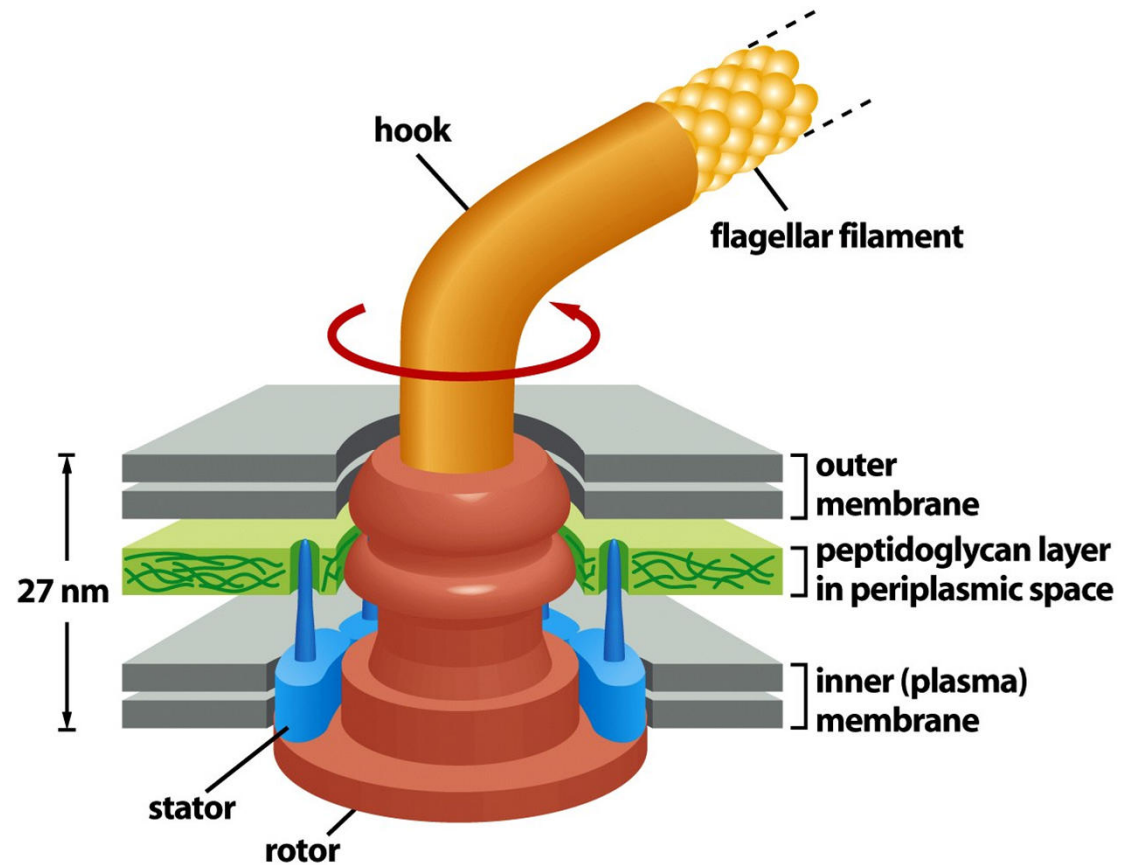
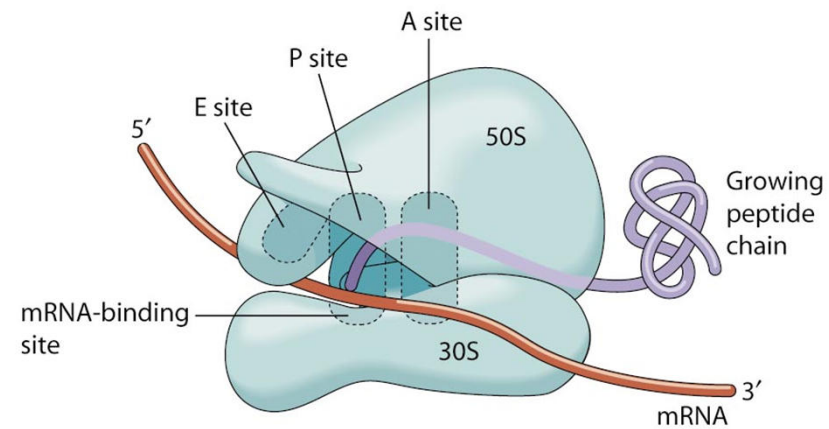
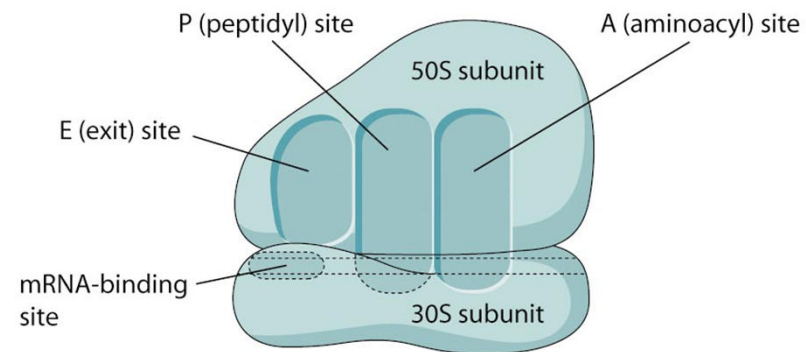


Figure 15-71a part 2 of 2 Molecular Biology of the Cell 5/e (© Garland Science 2008)

Ribozom prokaryotické buňky



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Rozmnožování prokaryotické buňky

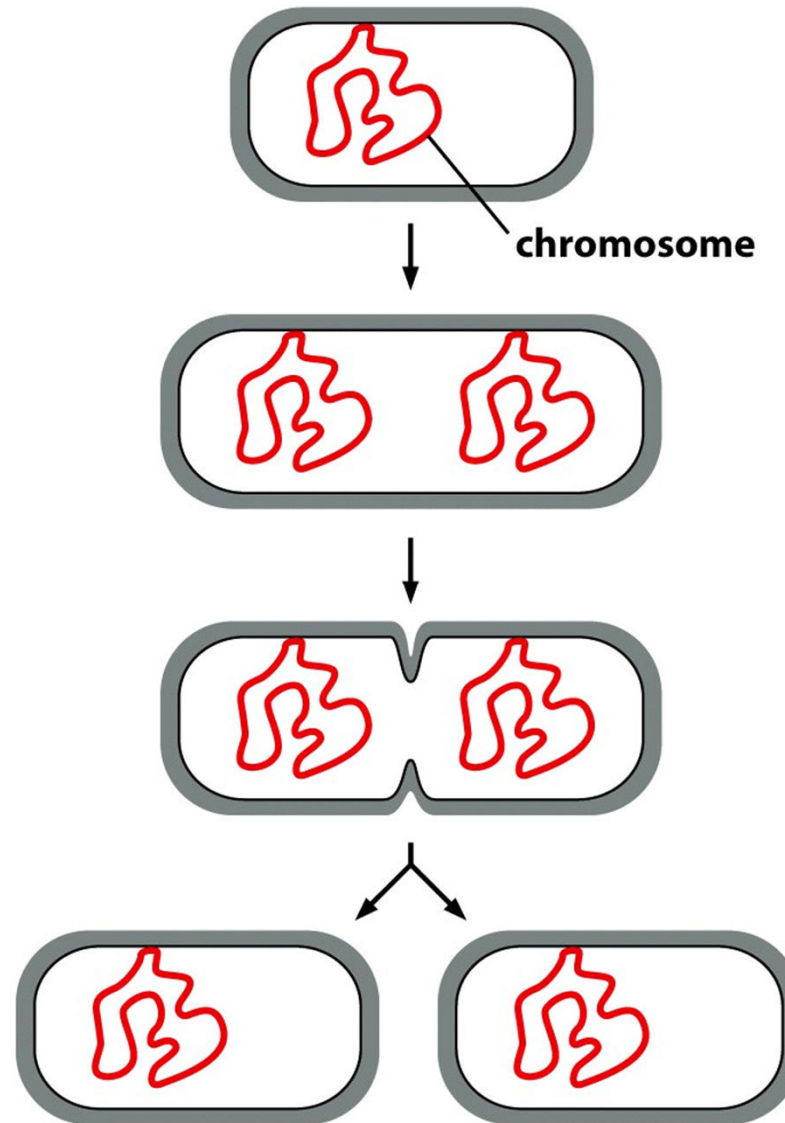


Figure 19-1 Essential Cell Biology 3/e (© Garland Science 2010)