

Biomembrány

výtah z přednášky

RNDr. Karel Královec, Ph.D.



Buněčné membrány jako přepážky

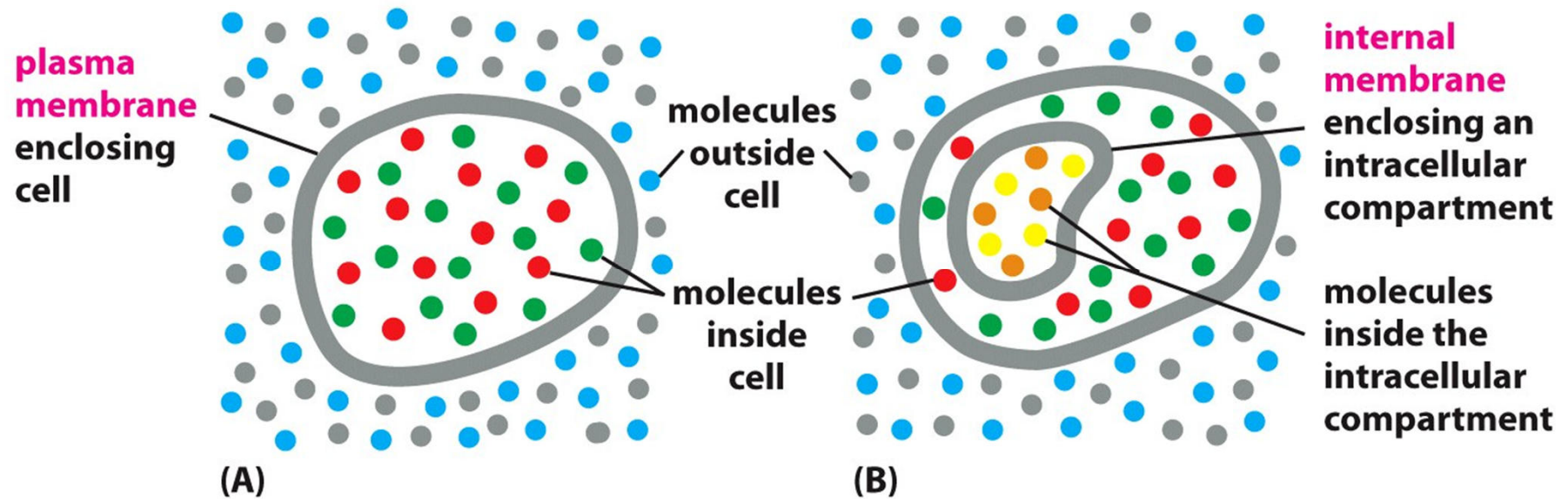
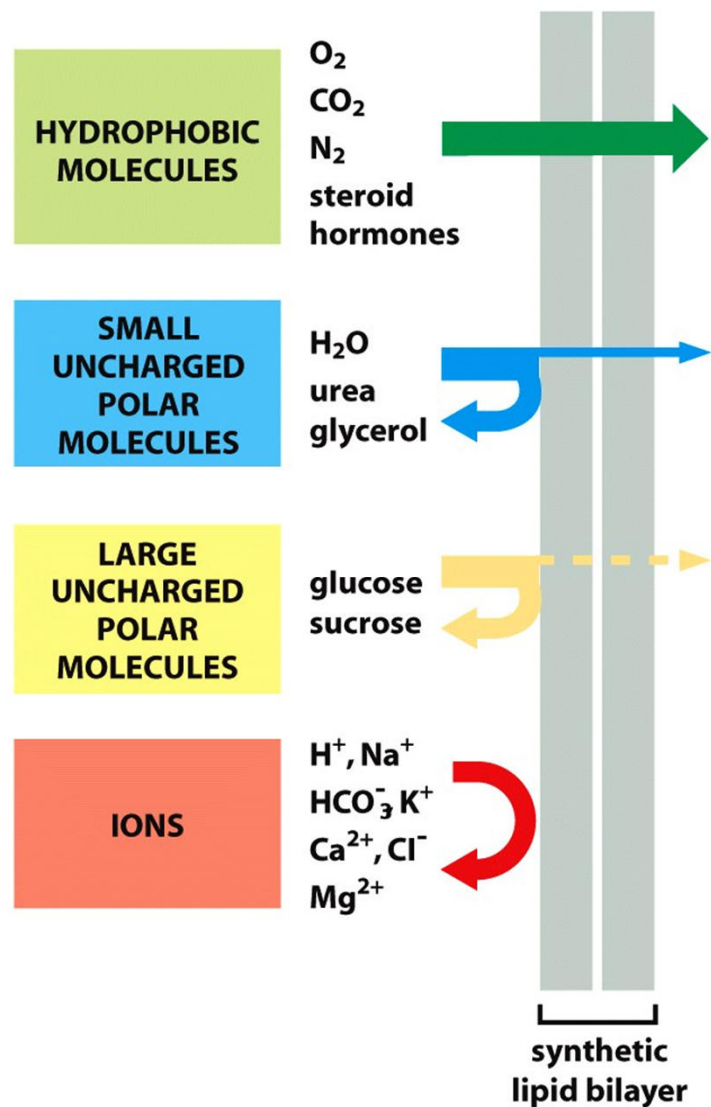


Figure 11-1 Essential Cell Biology 3/e (© Garland Science 2010)



Relativní propustnost syntetické dvojné vrstvy lipidů pro jednotlivé třídy molekul

Figure 11-1 Molecular Biology of the Cell 5/e (© Garland Science 2008)

Fosfolipidová dvojná vrstva

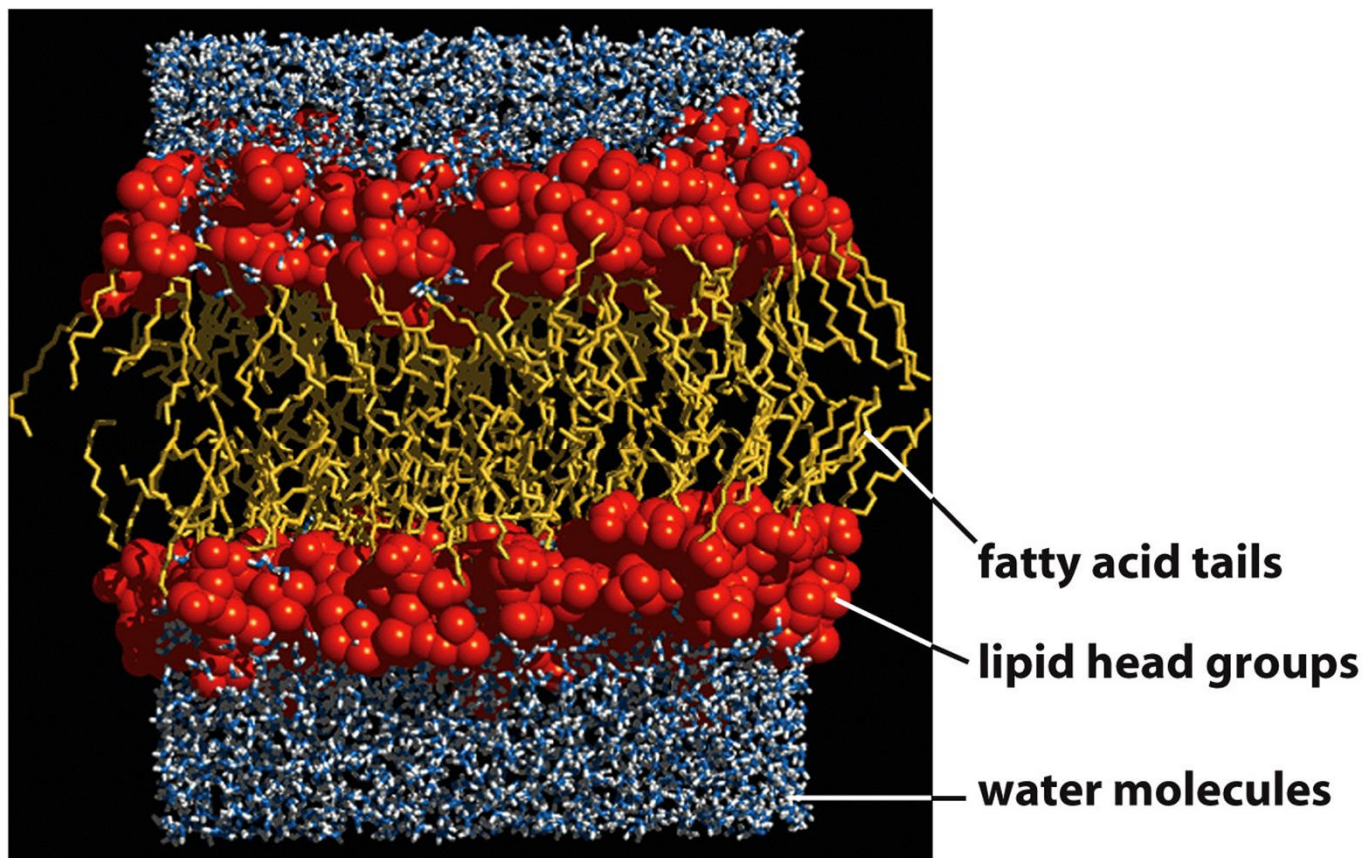


Figure 10-11a Molecular Biology of the Cell 5/e (© Garland Science 2008)

Tři typy možných pohybů molekul fosfolipidů v lipidové dvojné vrstvě

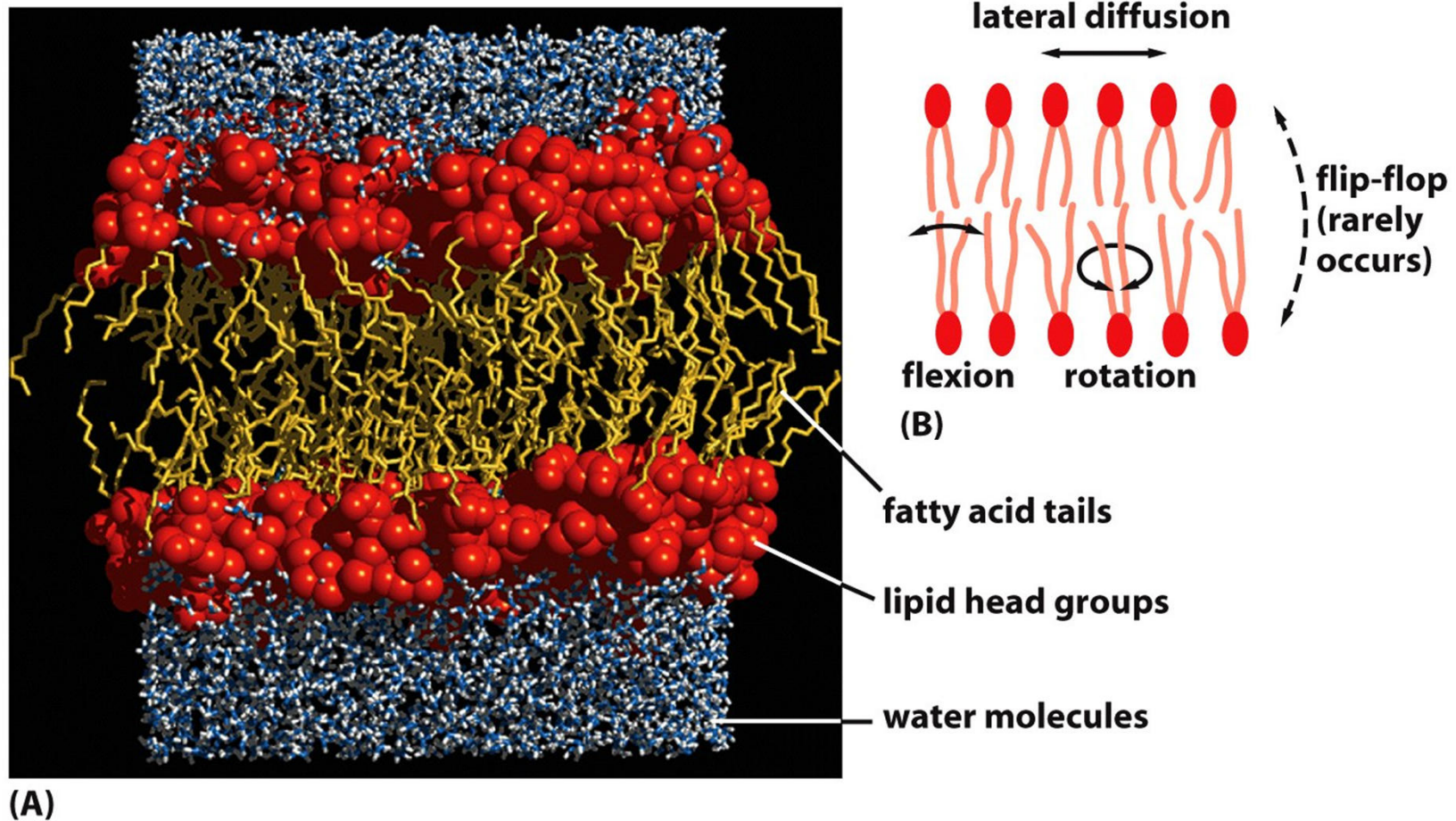


Figure 10-11 Molecular Biology of the Cell 5/e (© Garland Science 2008)

Buněčná membrána

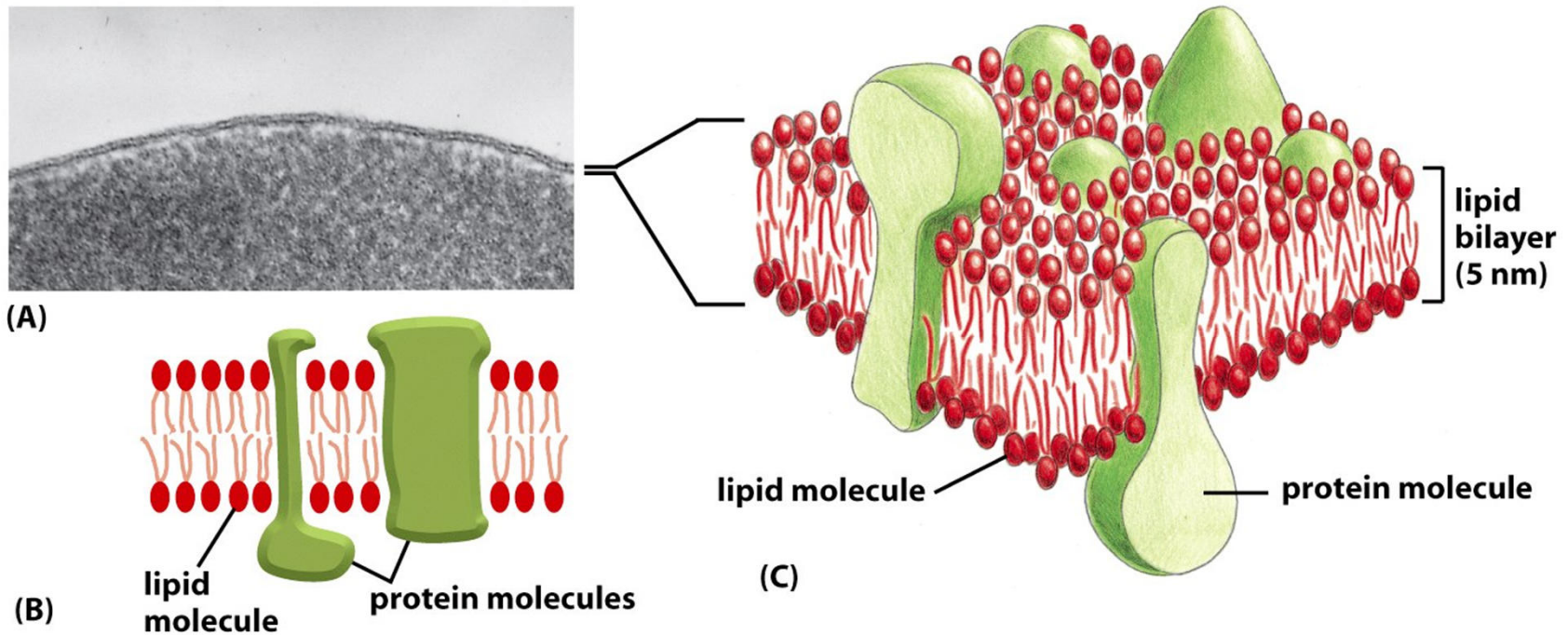


Figure 10-1 Molecular Biology of the Cell 5/e (© Garland Science 2008)

Hlavní fosfolipidy plasmatické membrány

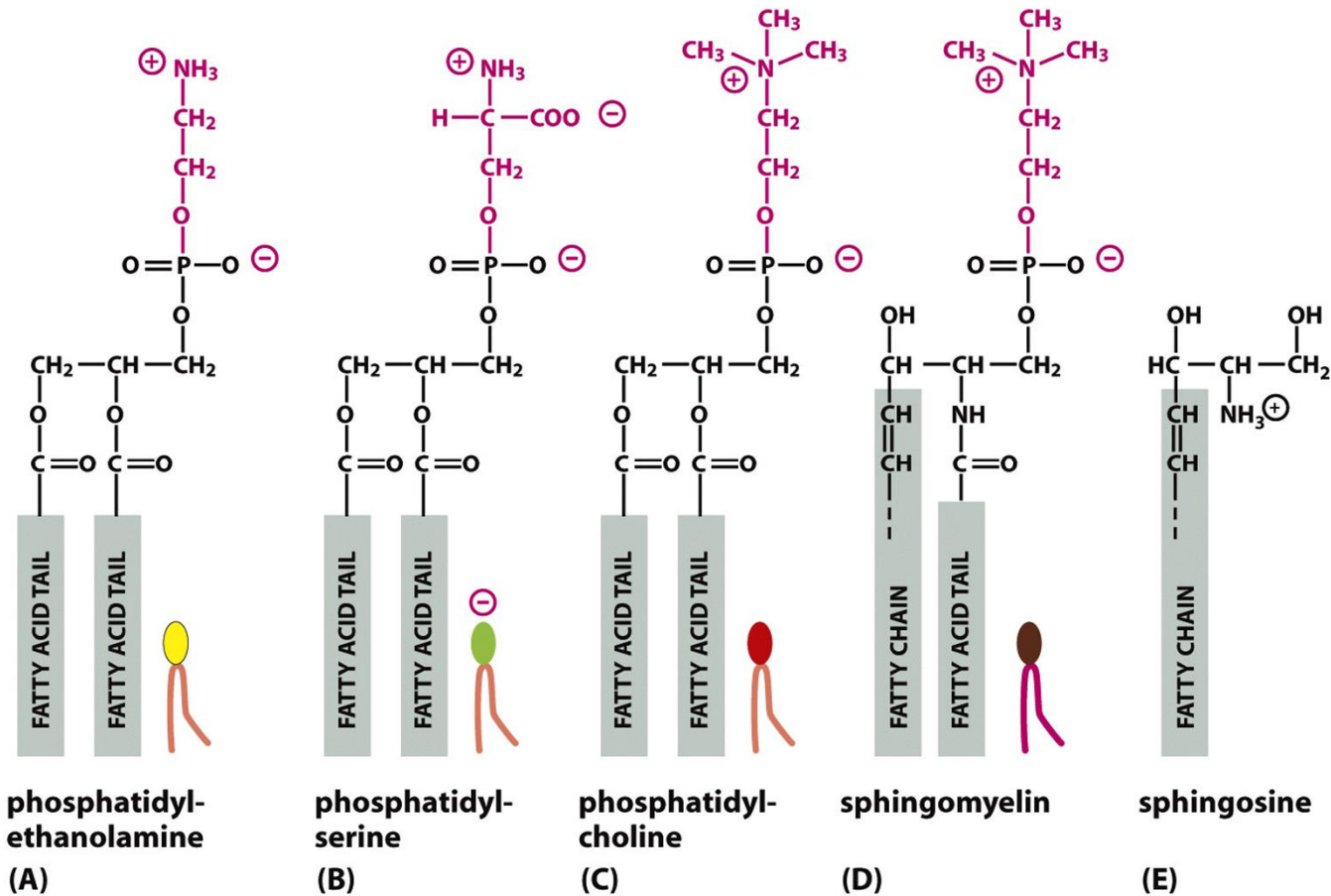


Figure 10-3 Molecular Biology of the Cell 5/e (© Garland Science 2008)

Molekula fosfatidylcholinu

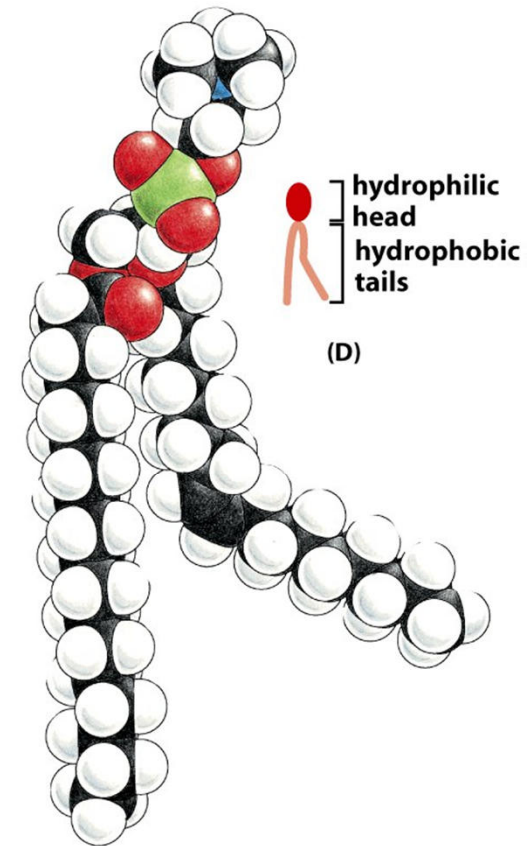
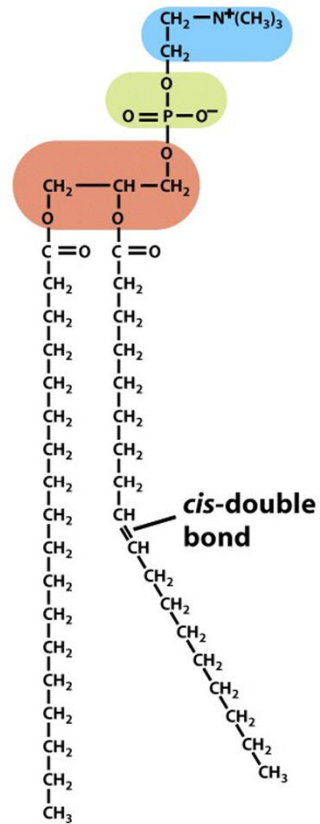
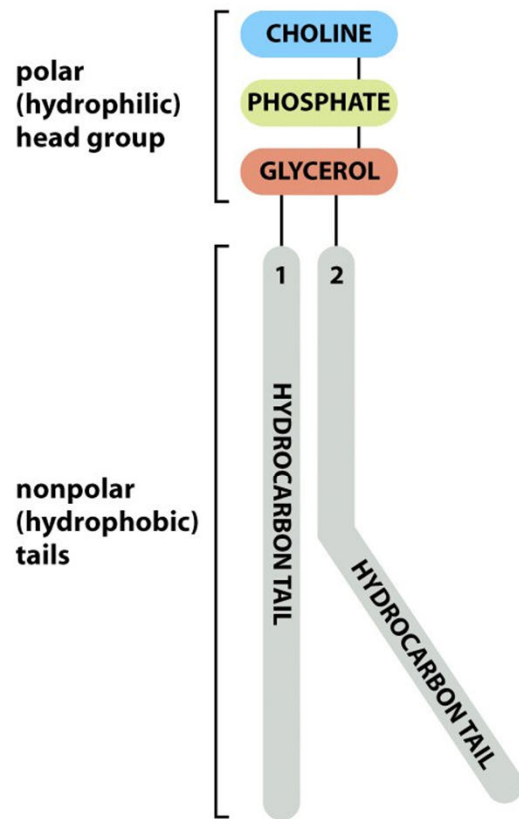


Figure 10-2 Molecular Biology of the Cell 5/e (© Garland Science 2008)

Cholesterol ve fosfolipidové dvojvrstvě

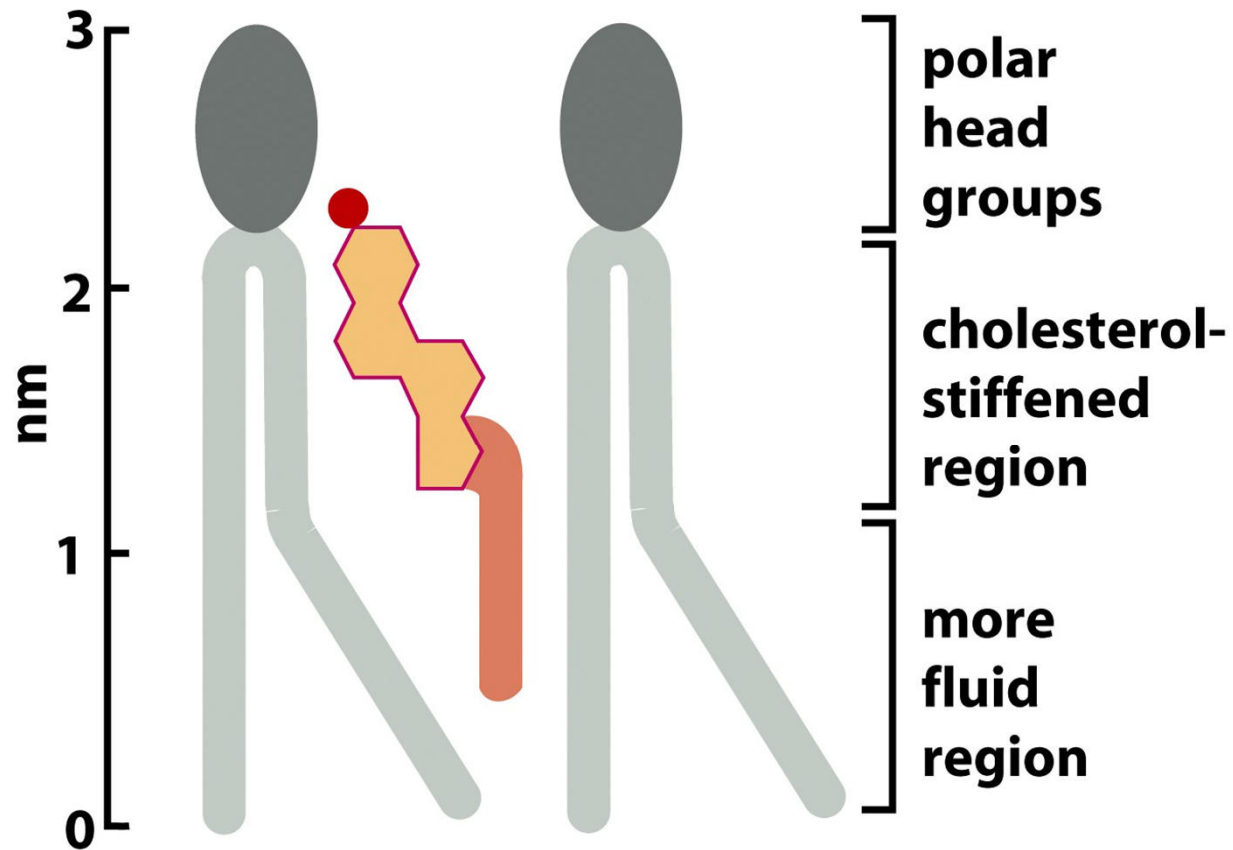


Figure 10-5 Molecular Biology of the Cell 5/e (© Garland Science 2008)

Rozpouštění membránových proteinů s pomocí mírného detergentu

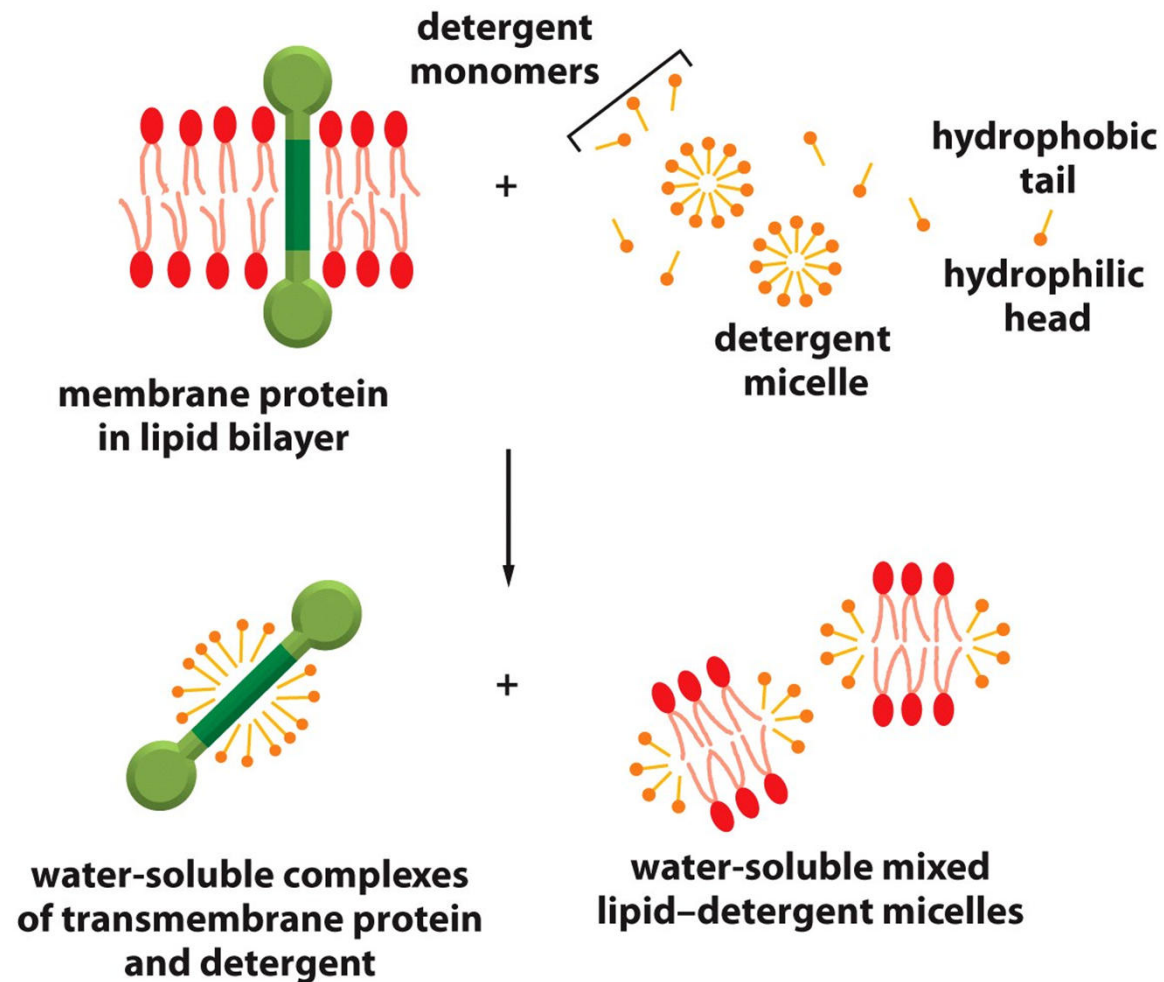


Figure 11-27 Essential Cell Biology 3/e (© Garland Science 2010)

Různé způsoby začlenění membránových proteinů do dvojné vrstvy lipidů

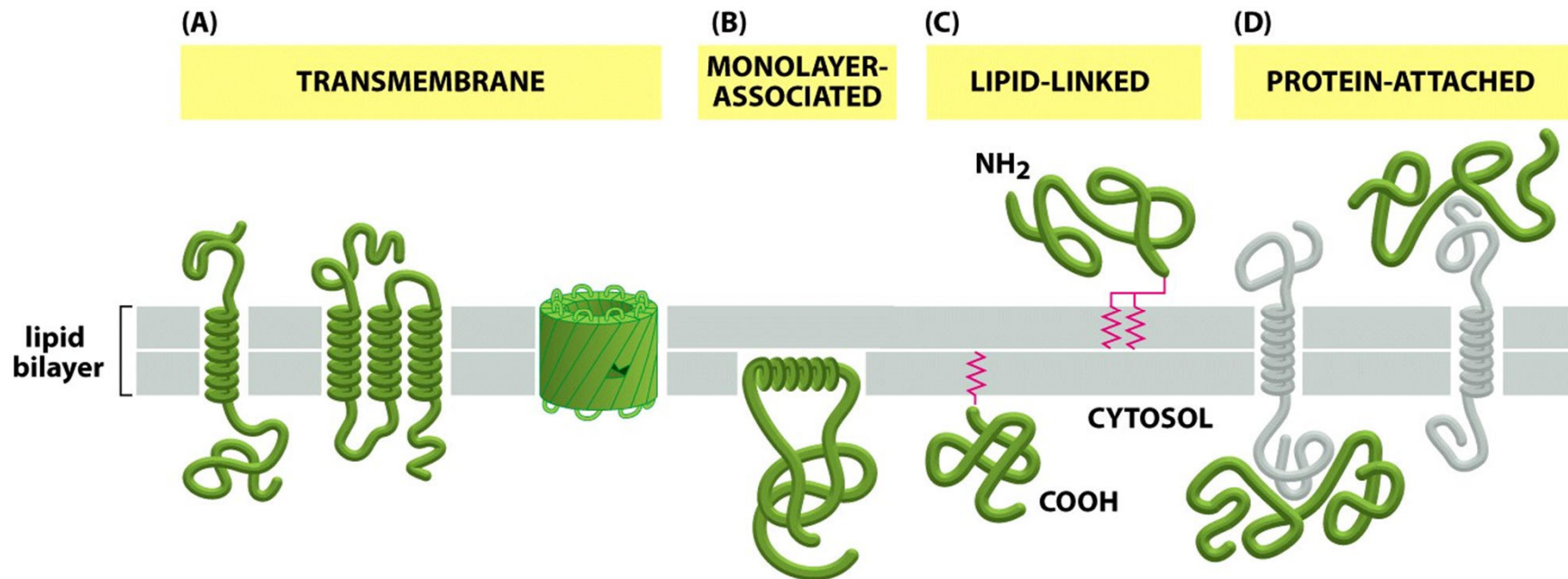


Figure 11-21 Essential Cell Biology 3/e (© Garland Science 2010)

Funkce proteinů plasmatické membrány

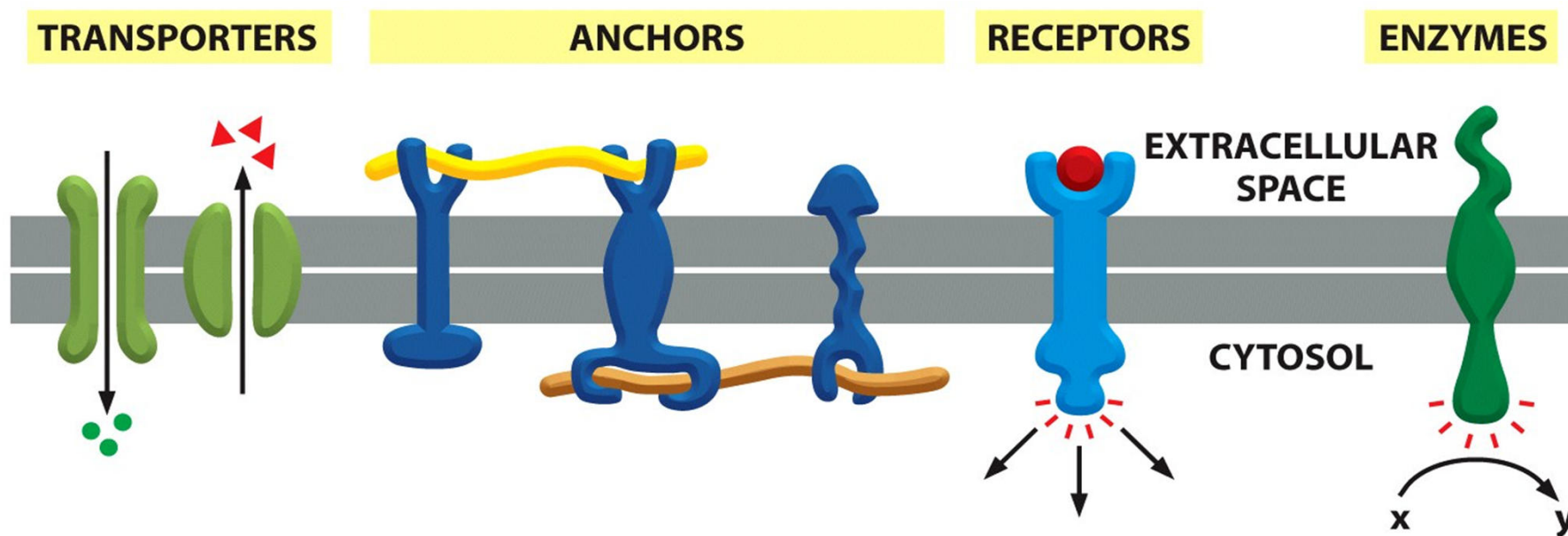


Figure 11-20 Essential Cell Biology 3/e (© Garland Science 2010)

Glykokalyx eukaryotické buňky

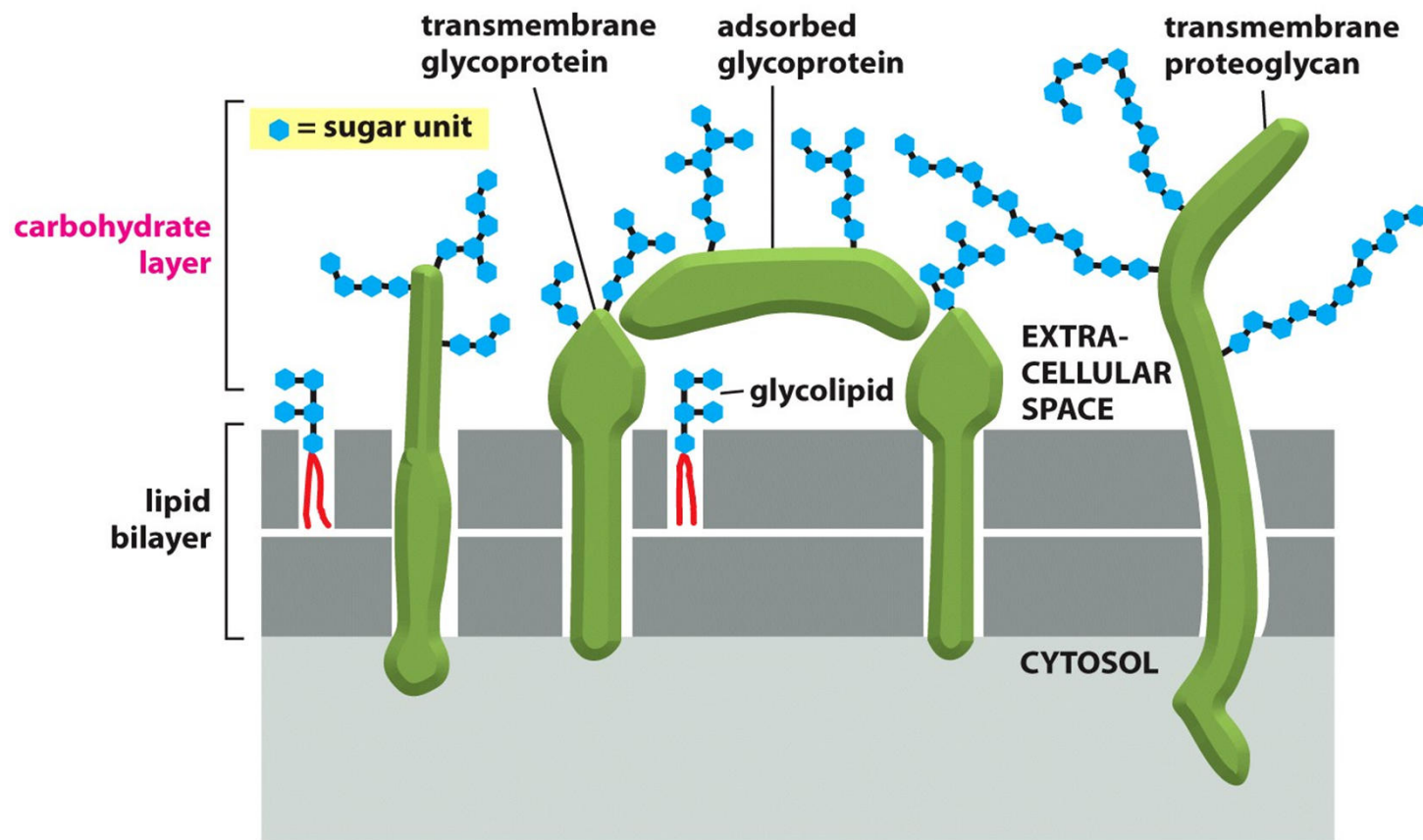


Figure 11-35 Essential Cell Biology 3/e (© Garland Science 2010)