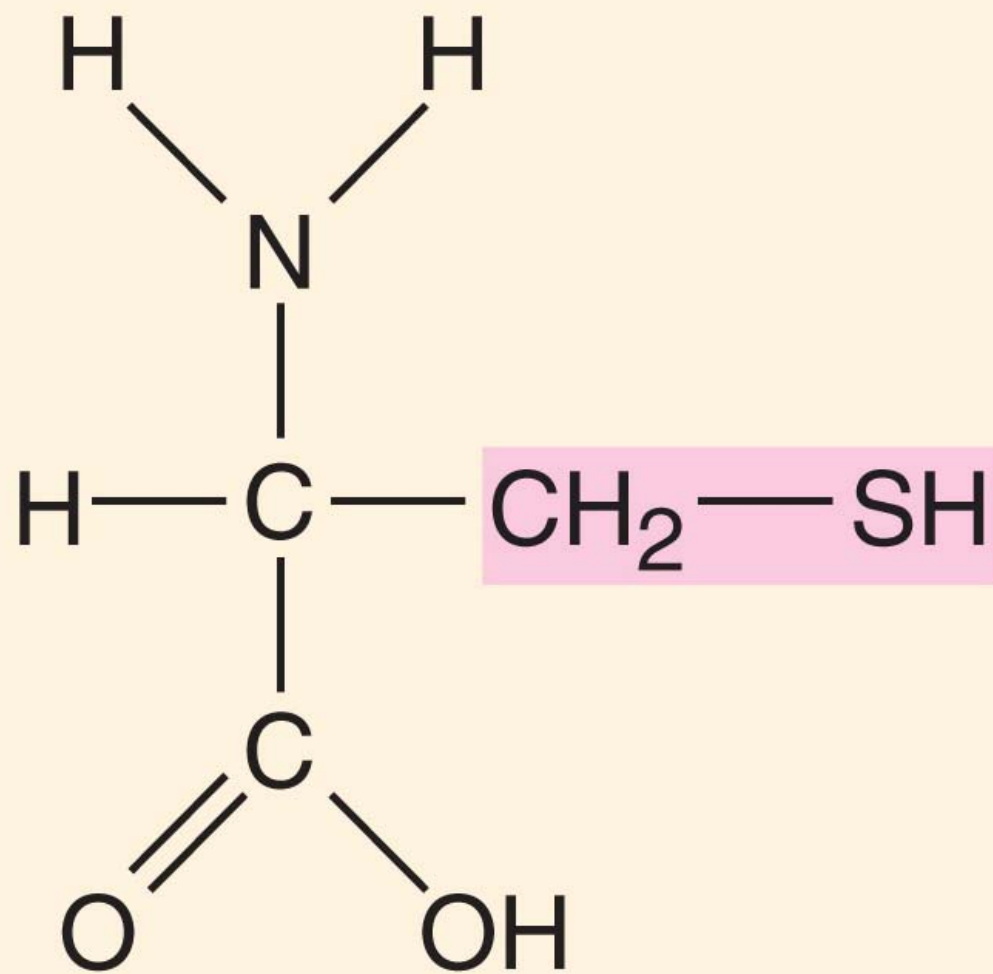
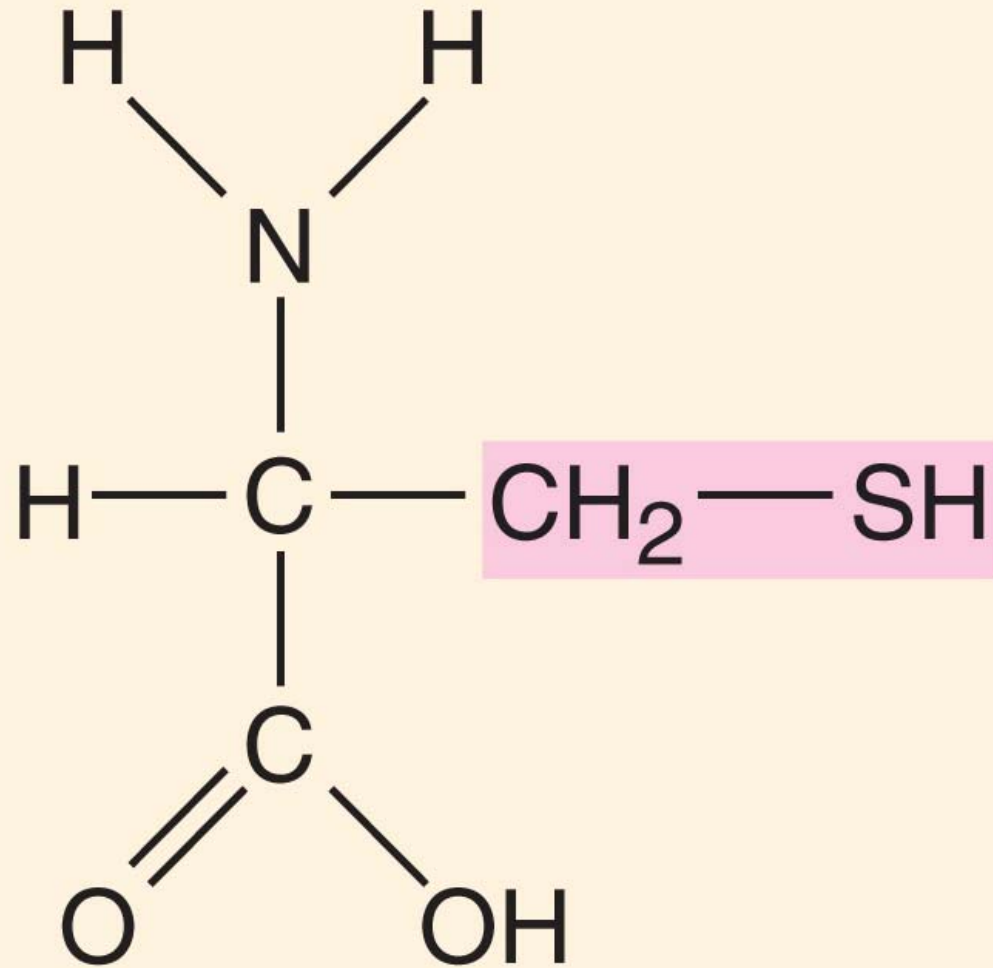
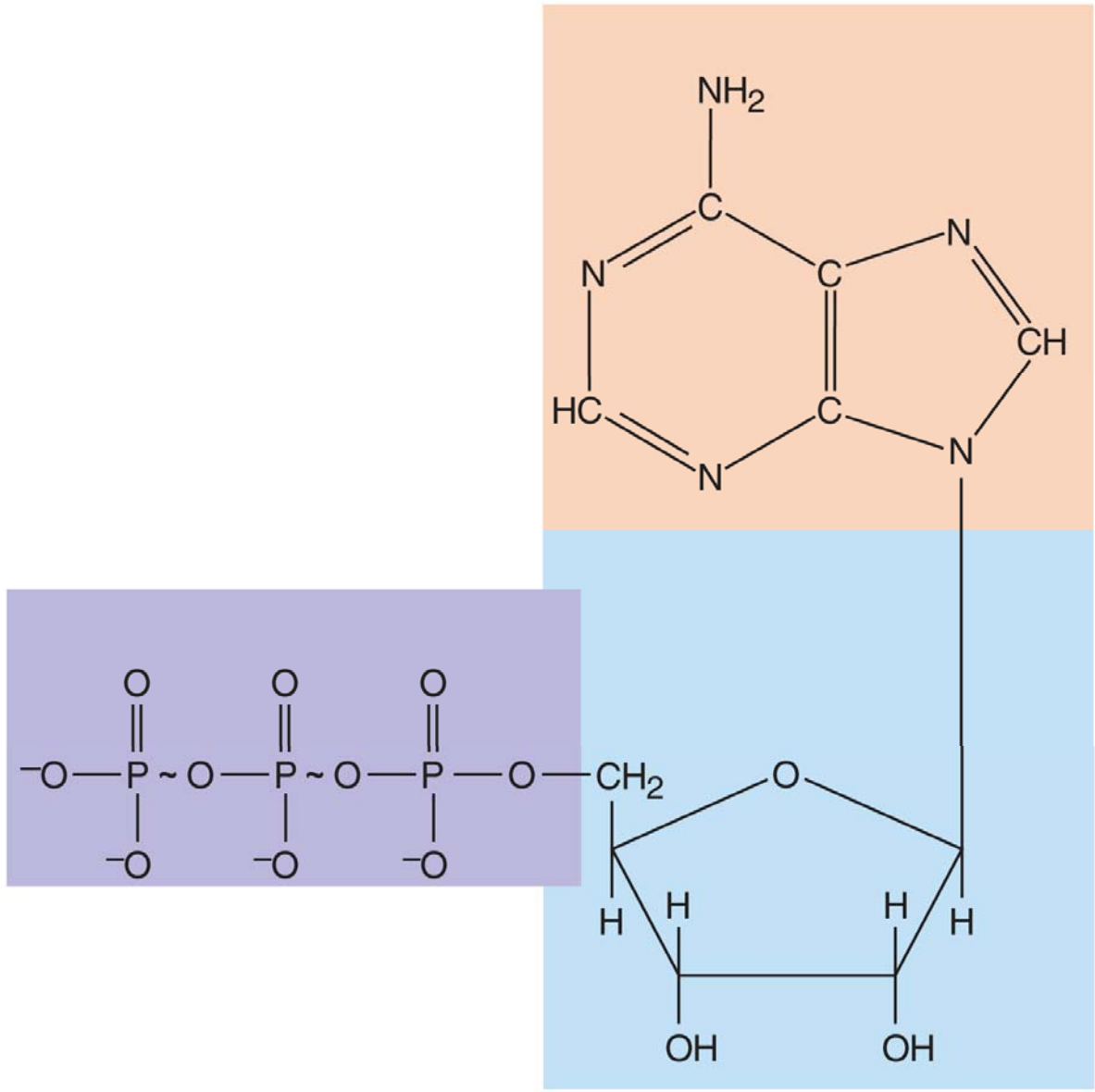


Know Your Molecules

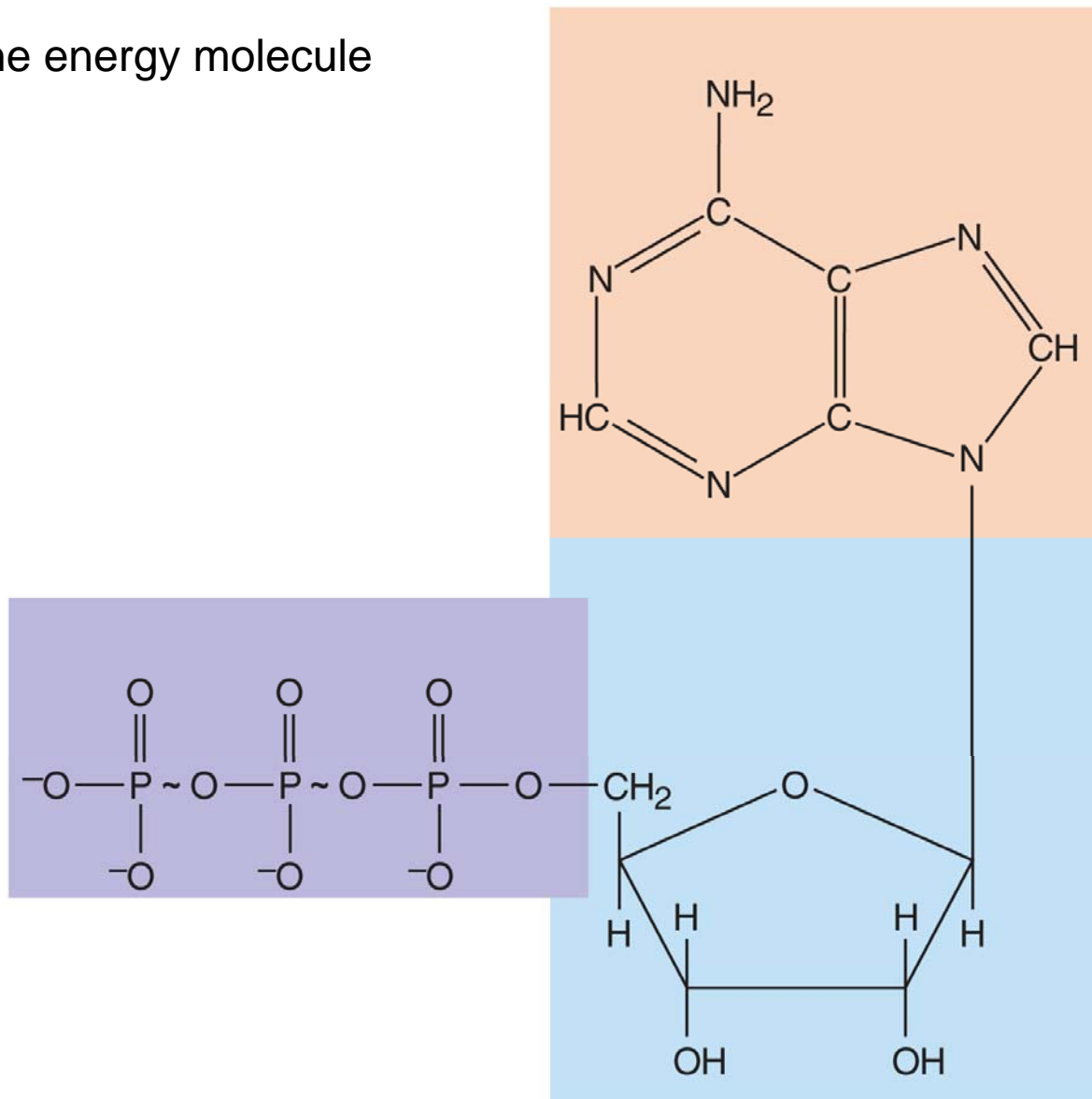


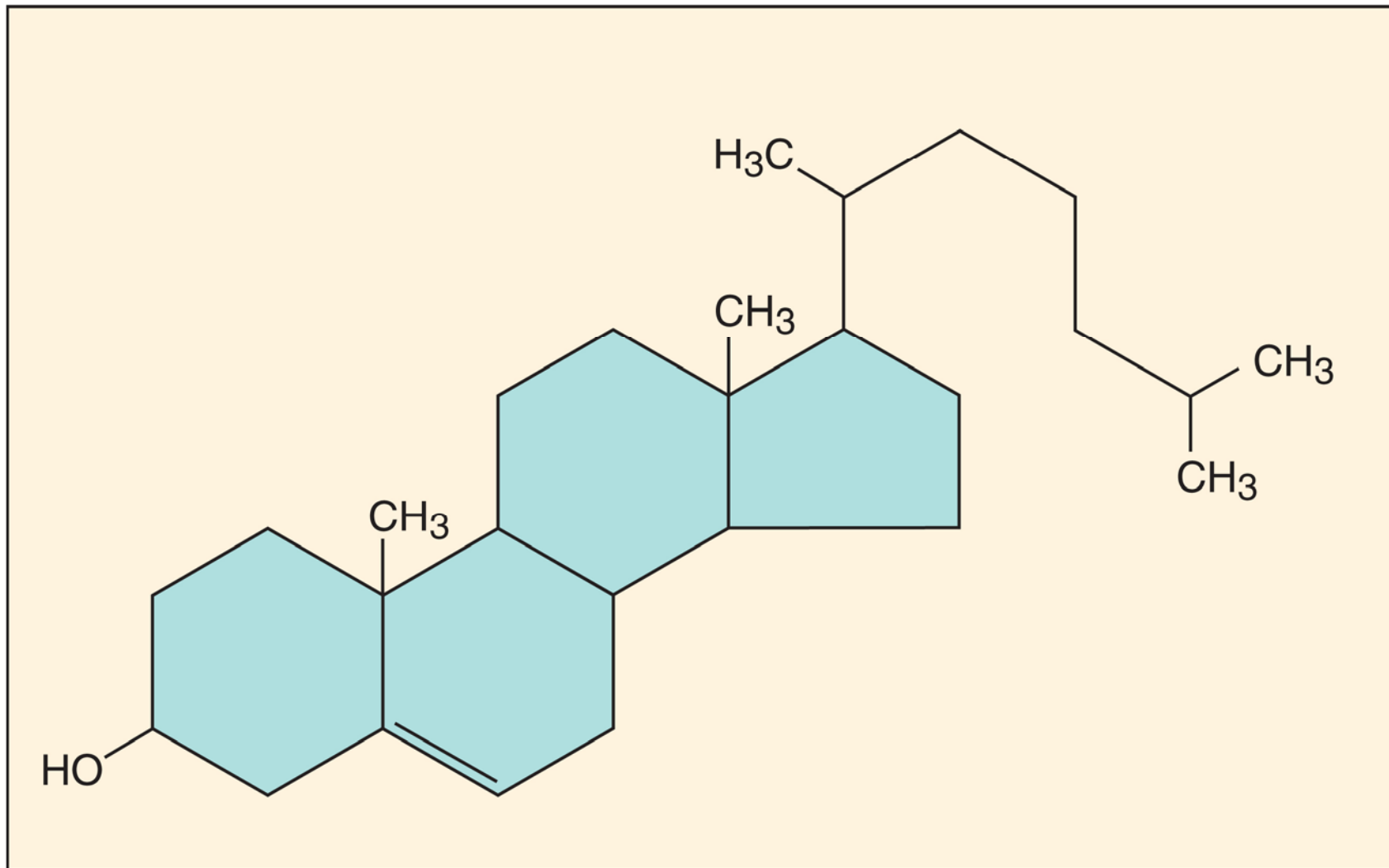
Amino acid / pink = "R" group / one of 20

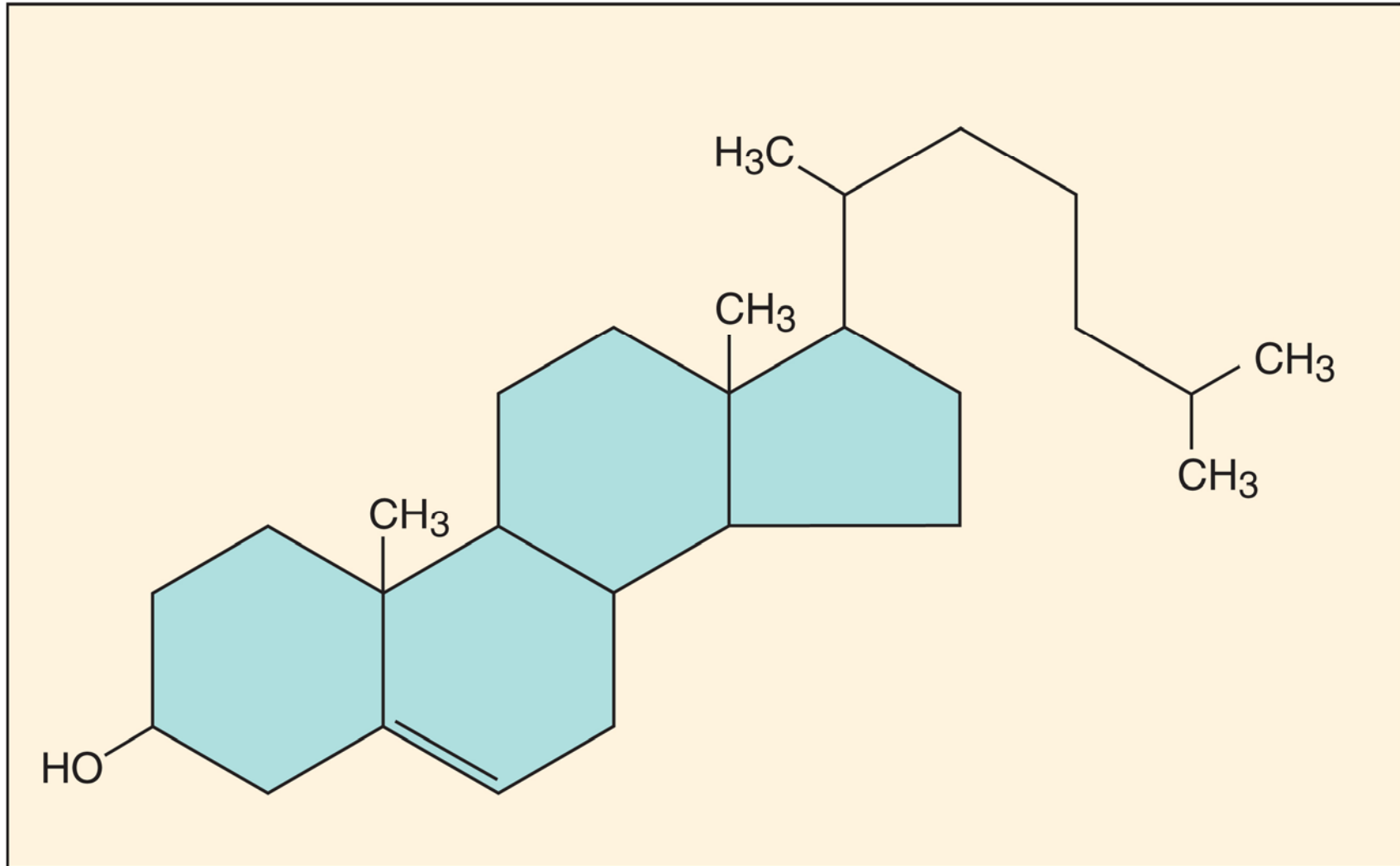




ATP / the energy molecule

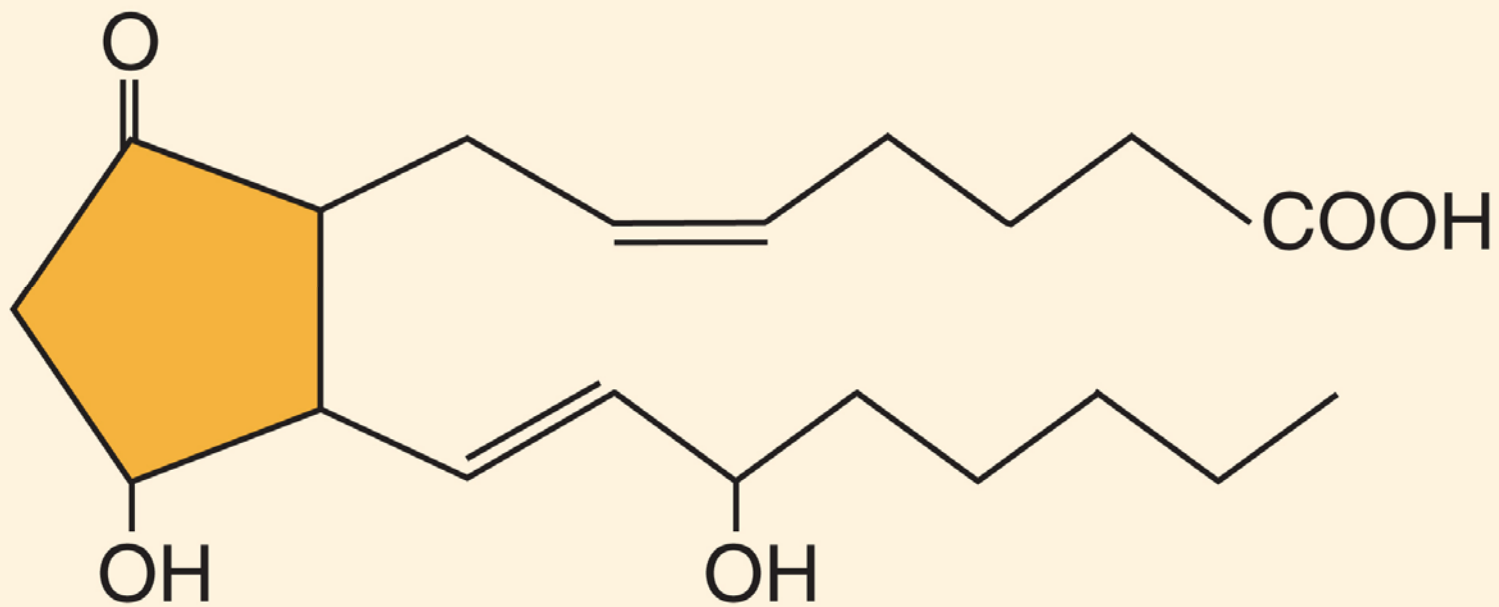




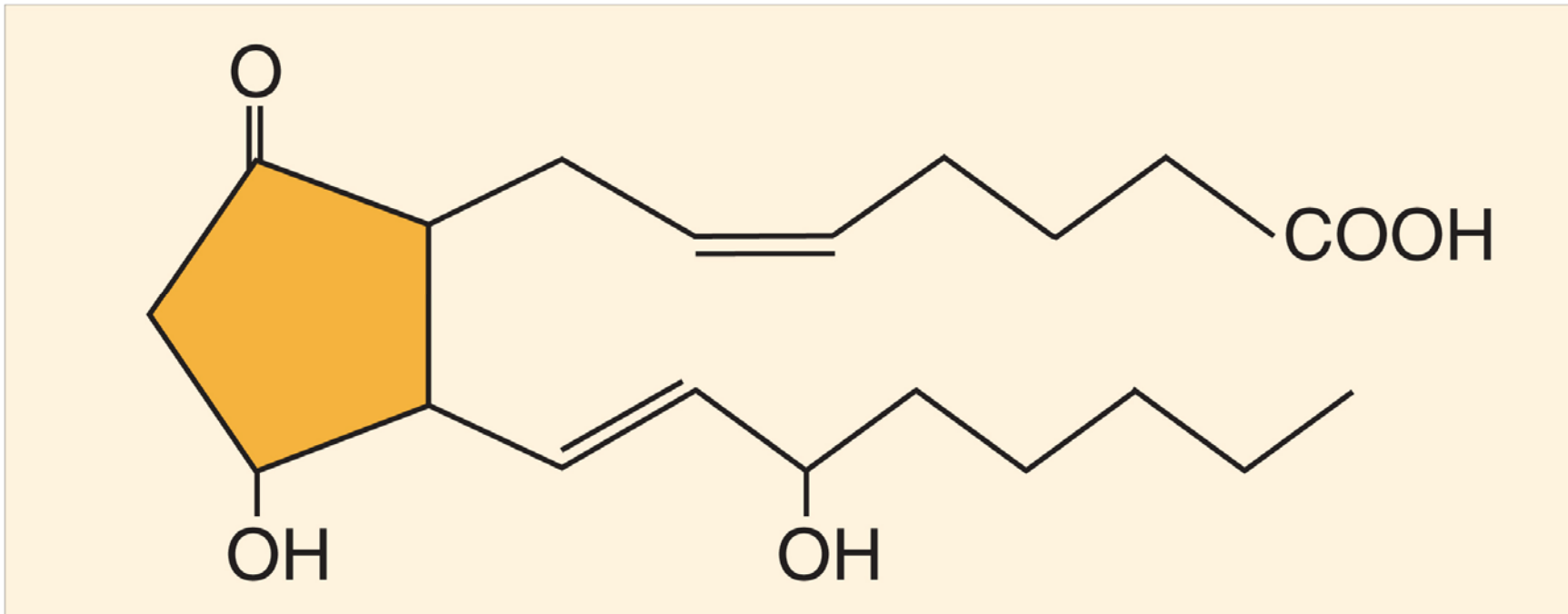


Cholesterol / type of lipid / not used for energy

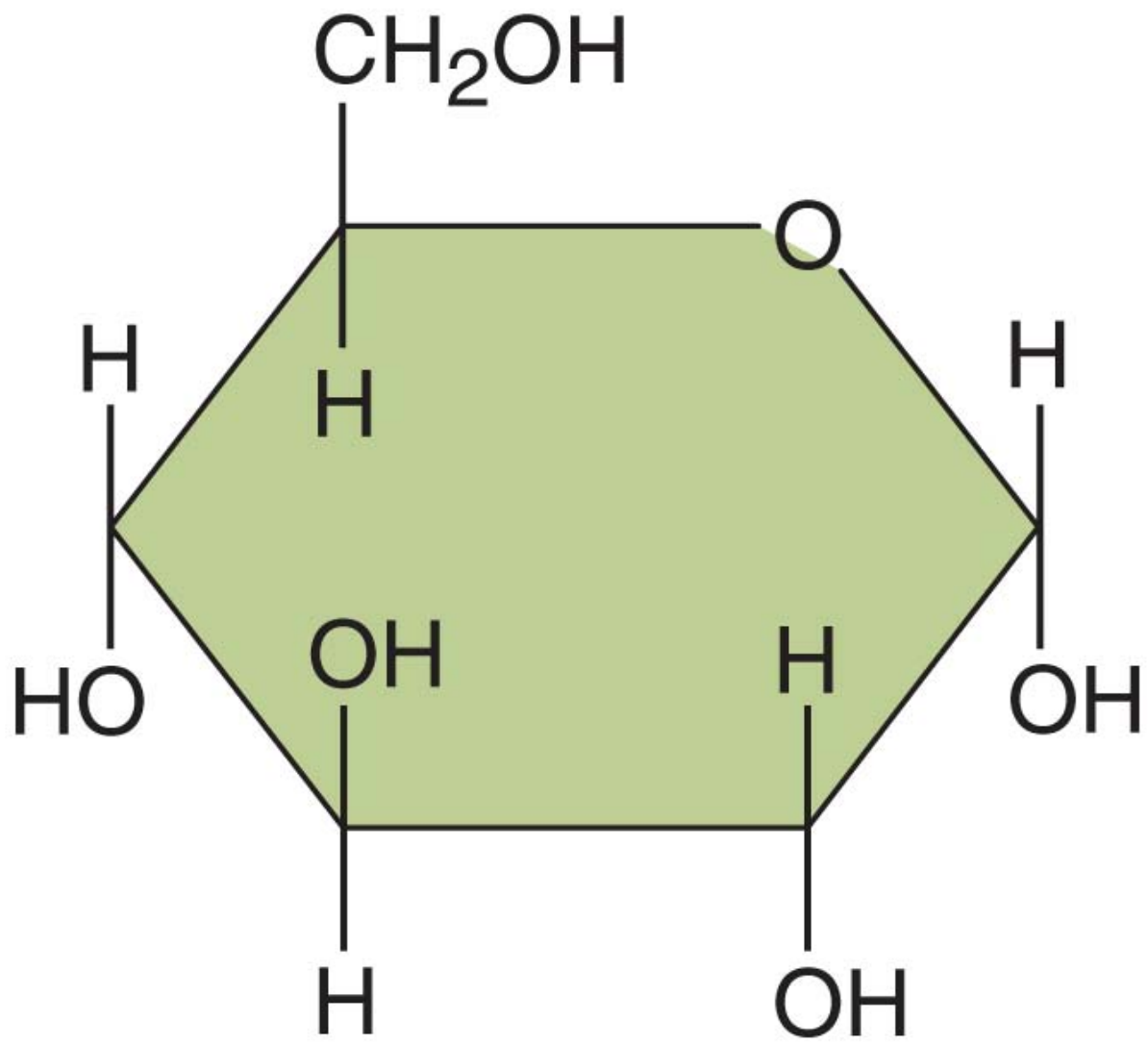
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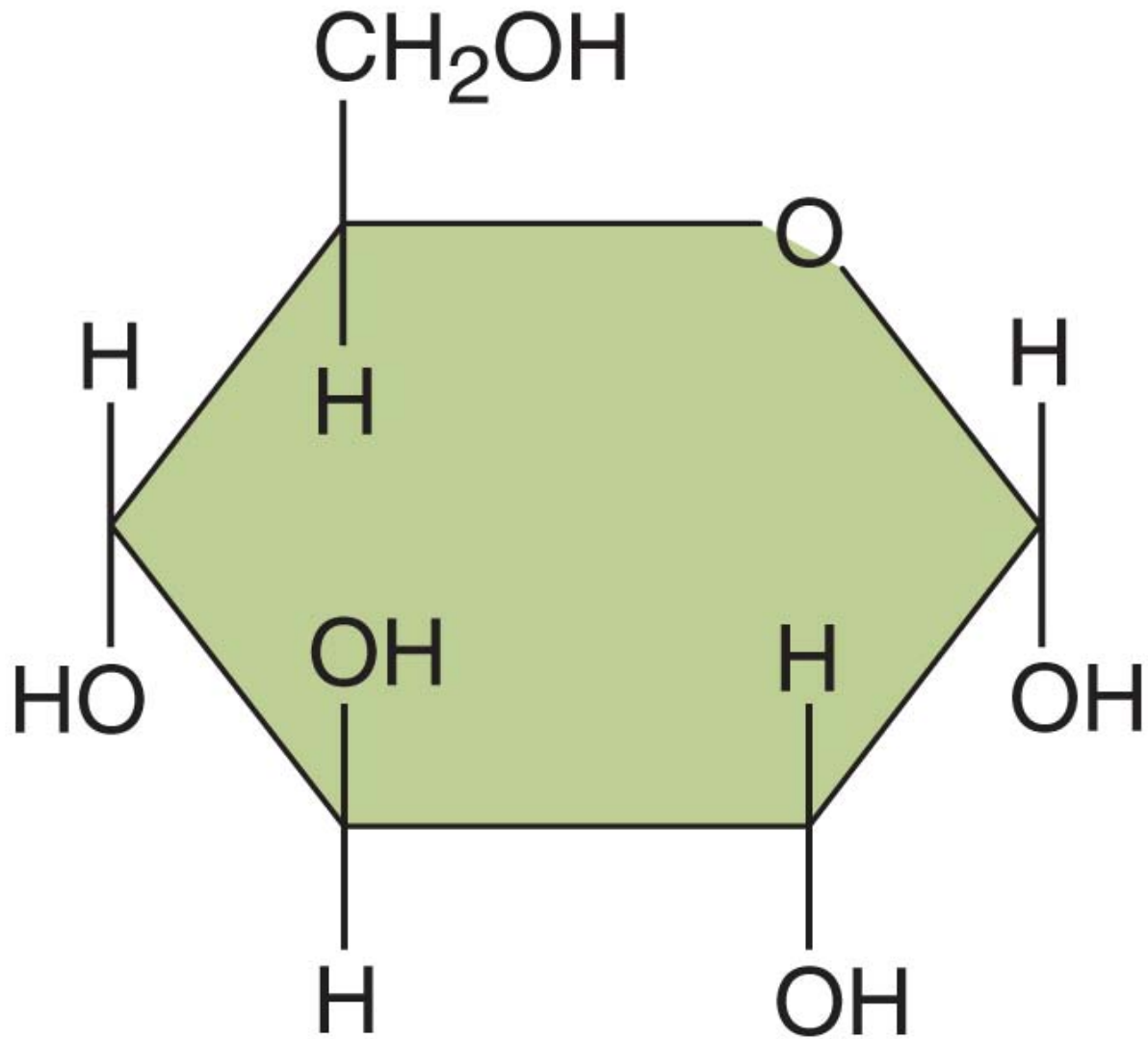


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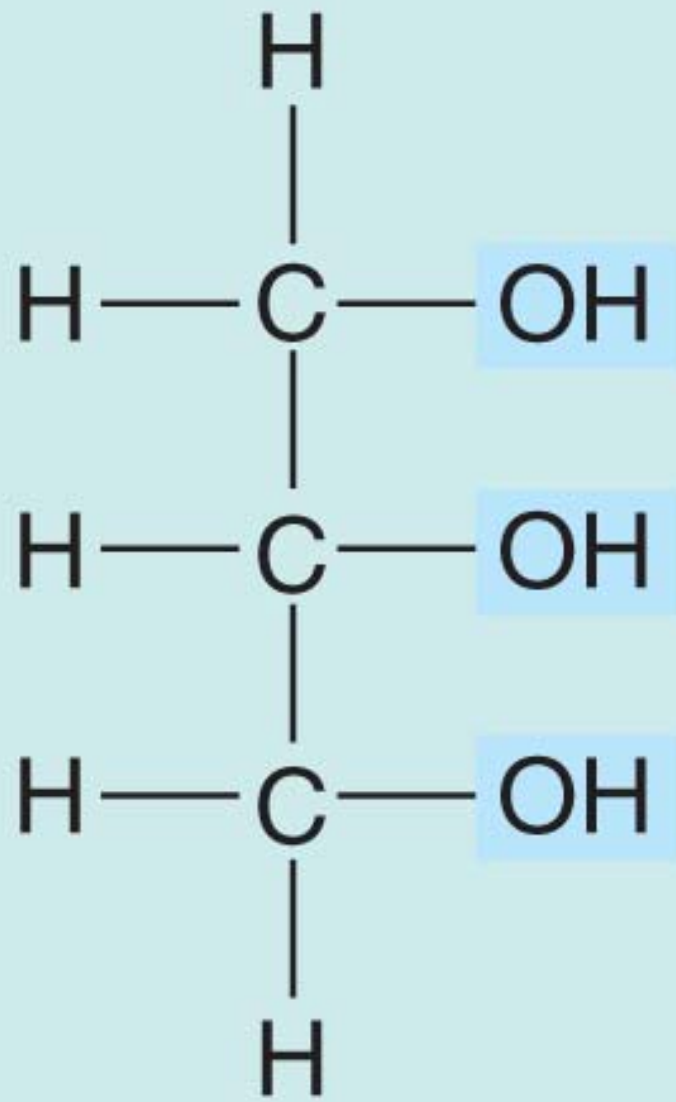


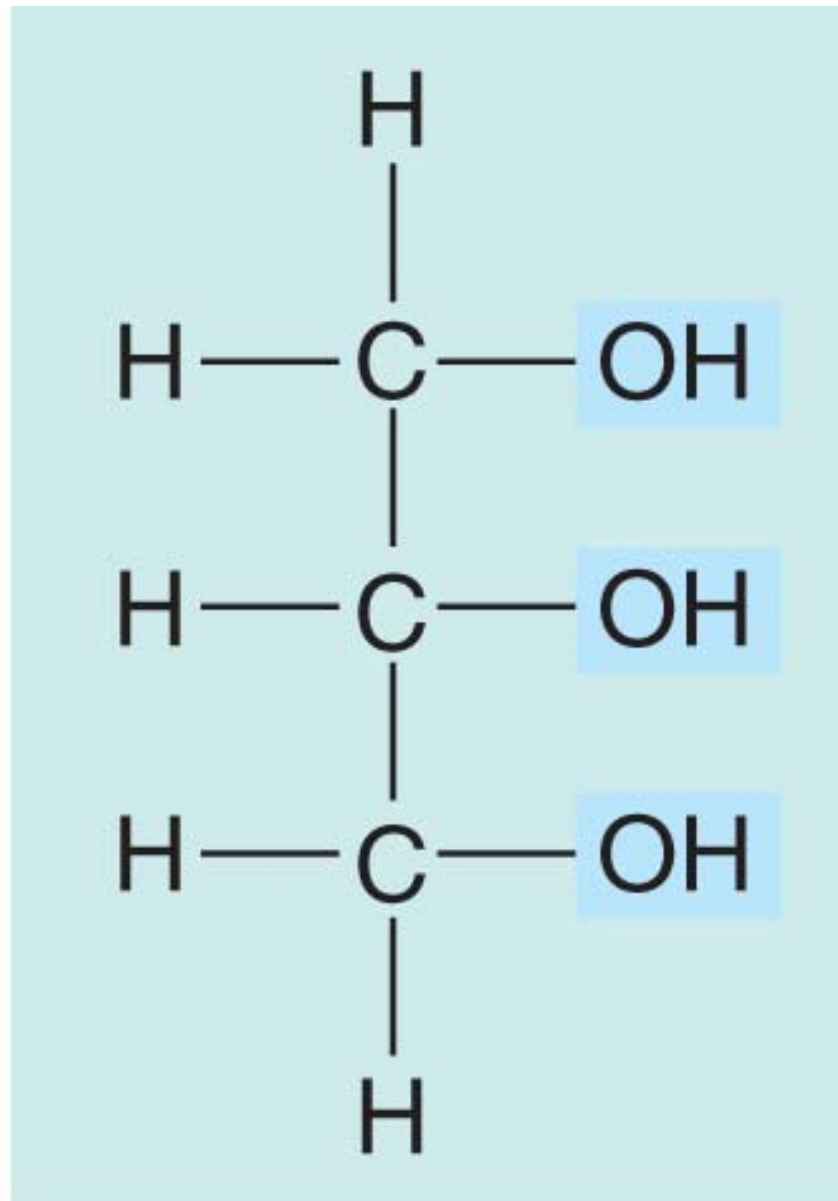
Eicosanoid / type of lipid used as intracellular messenger molecule



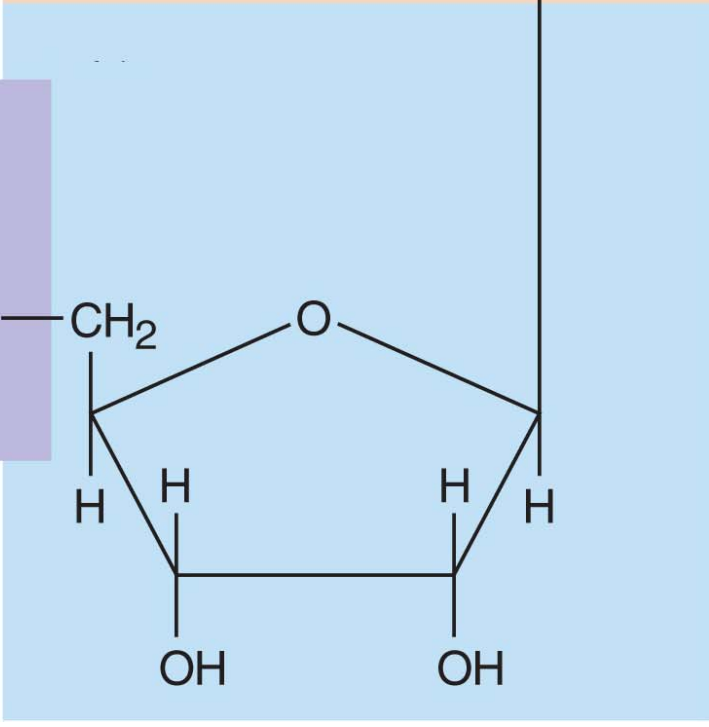
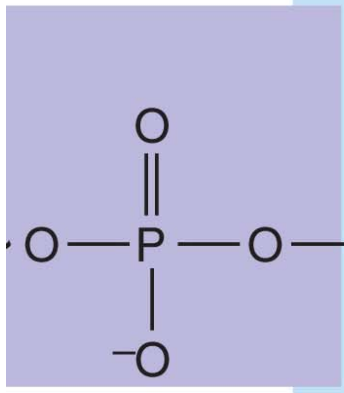
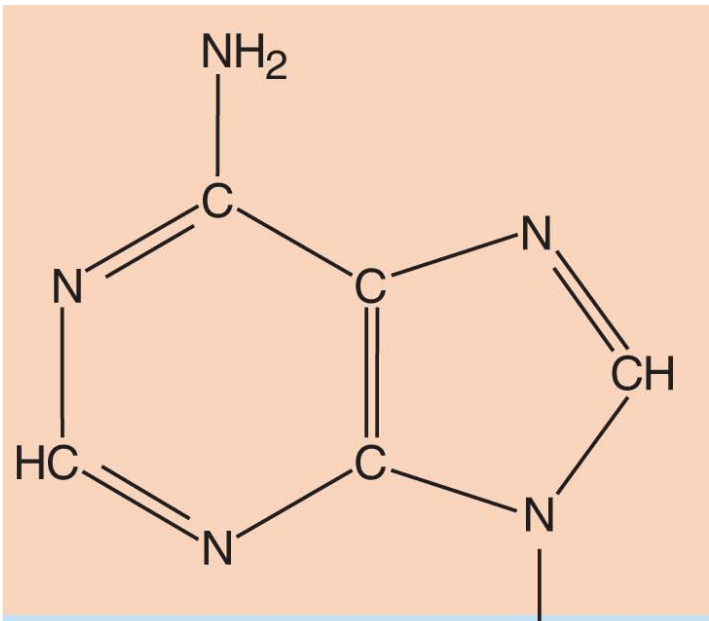


Glucose / monosacharide / the blood sugar

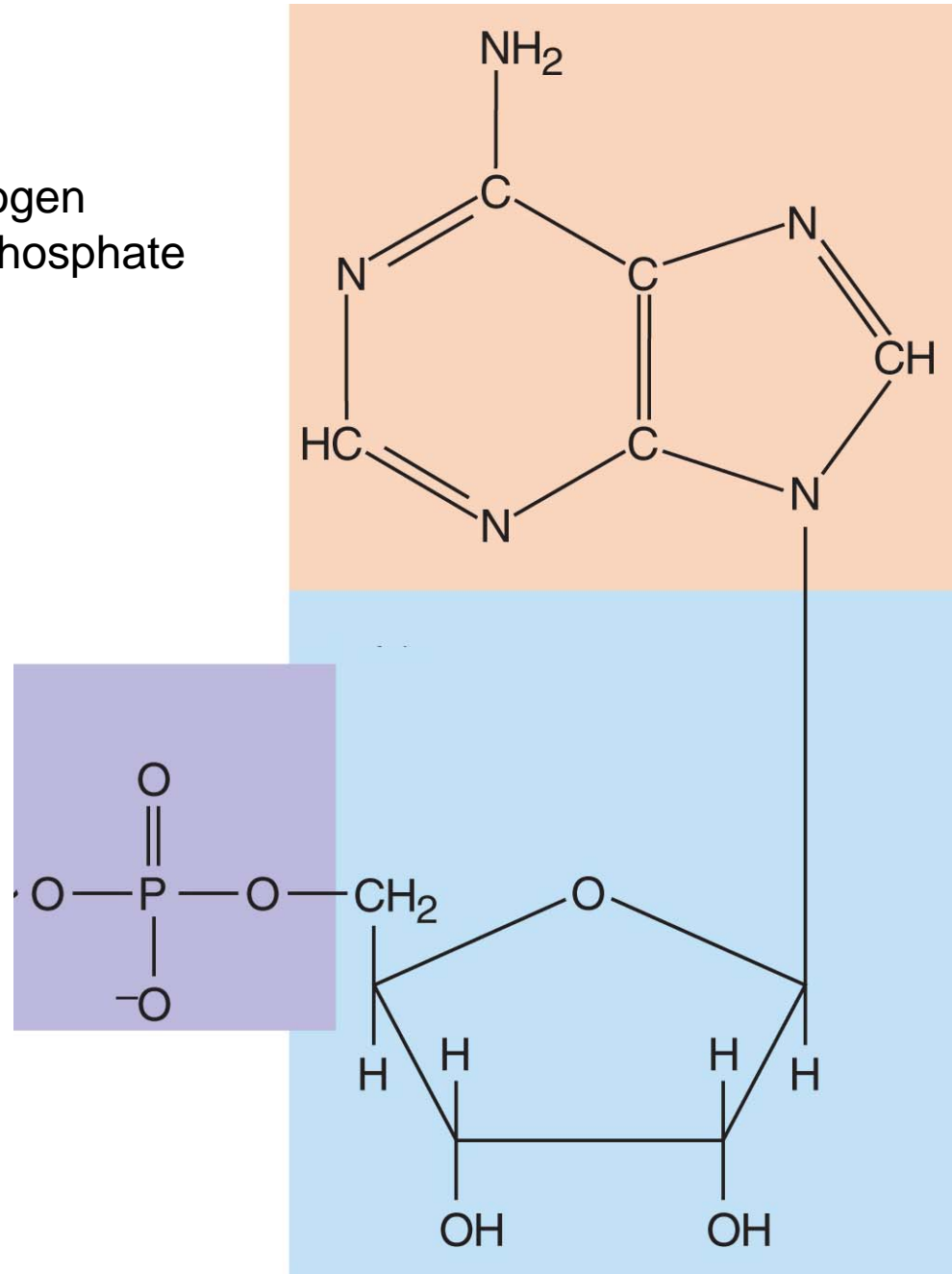




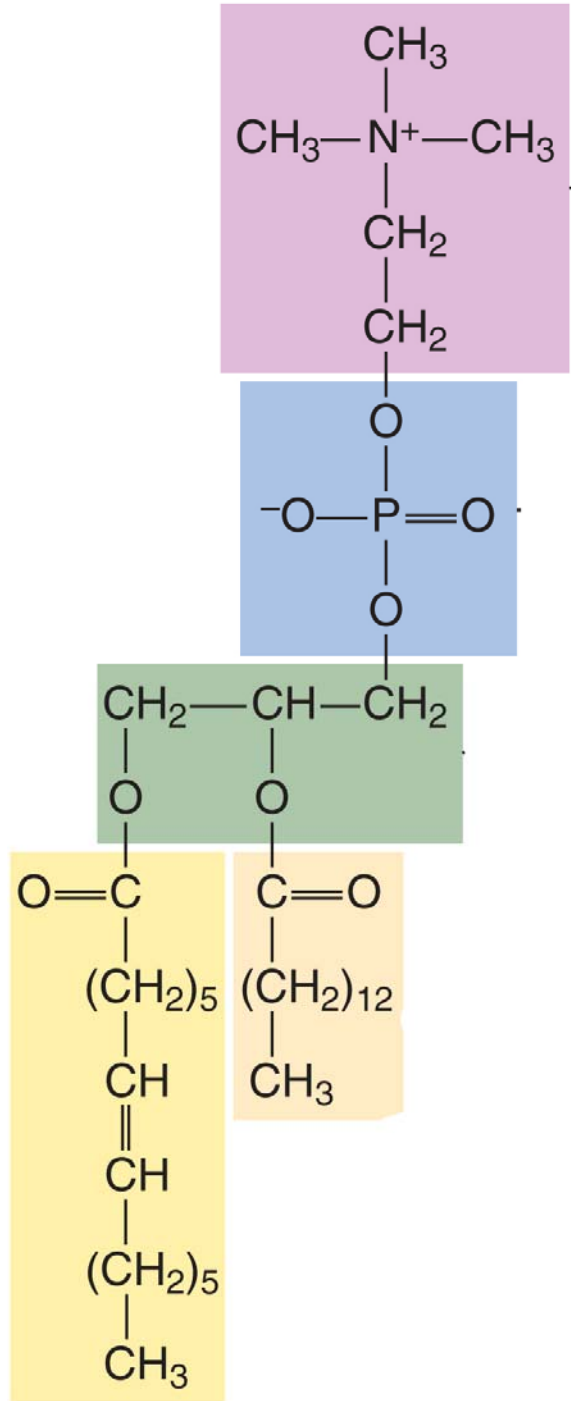
Glycerol / backbone for lipids

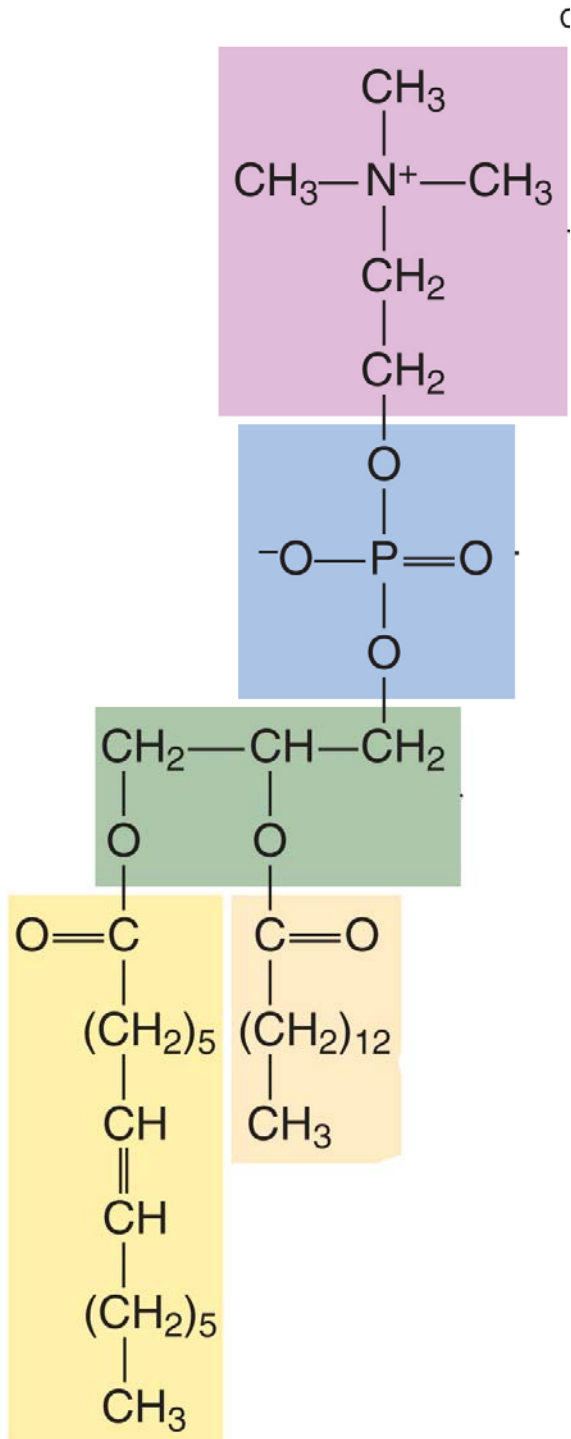


Nucleotide / nitrogen
base – sugar - phosphate

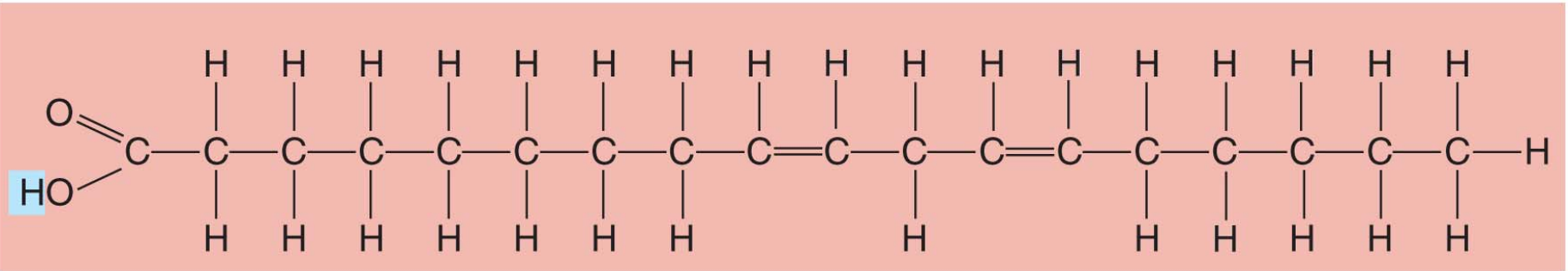


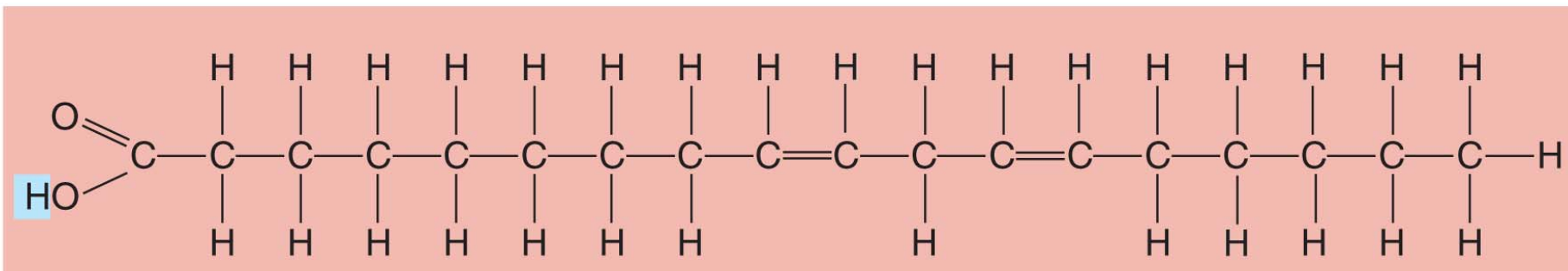
c



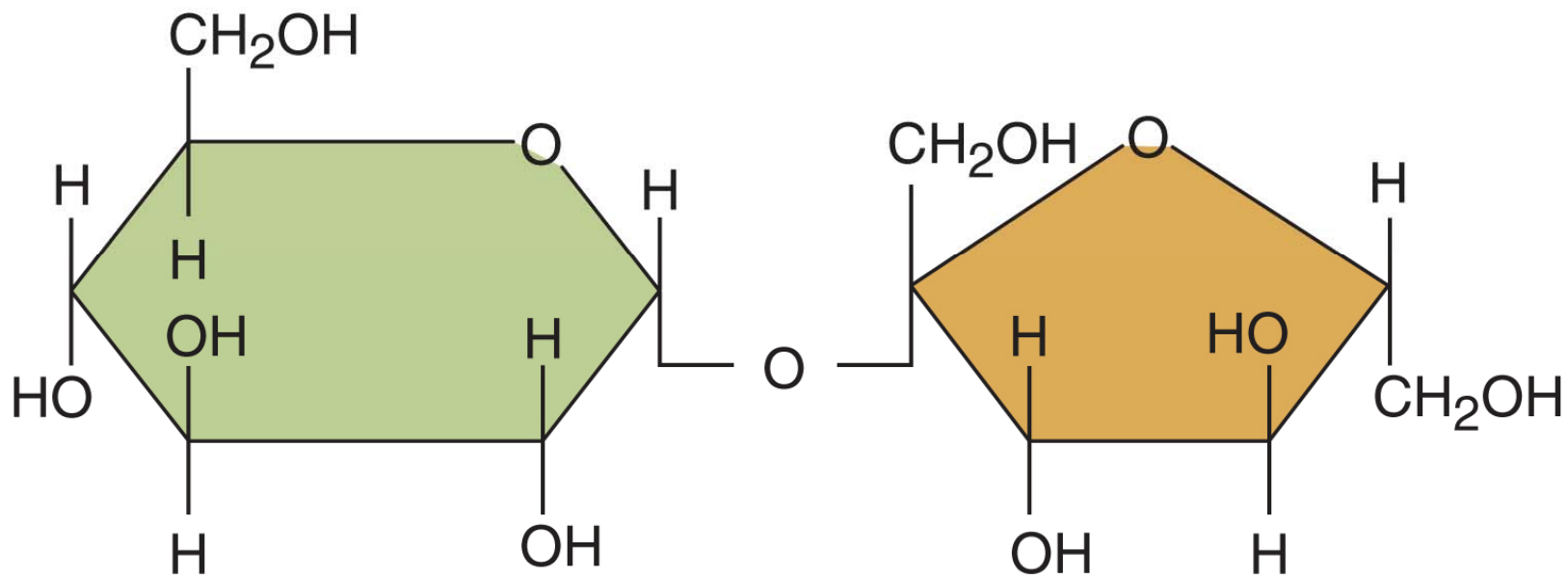


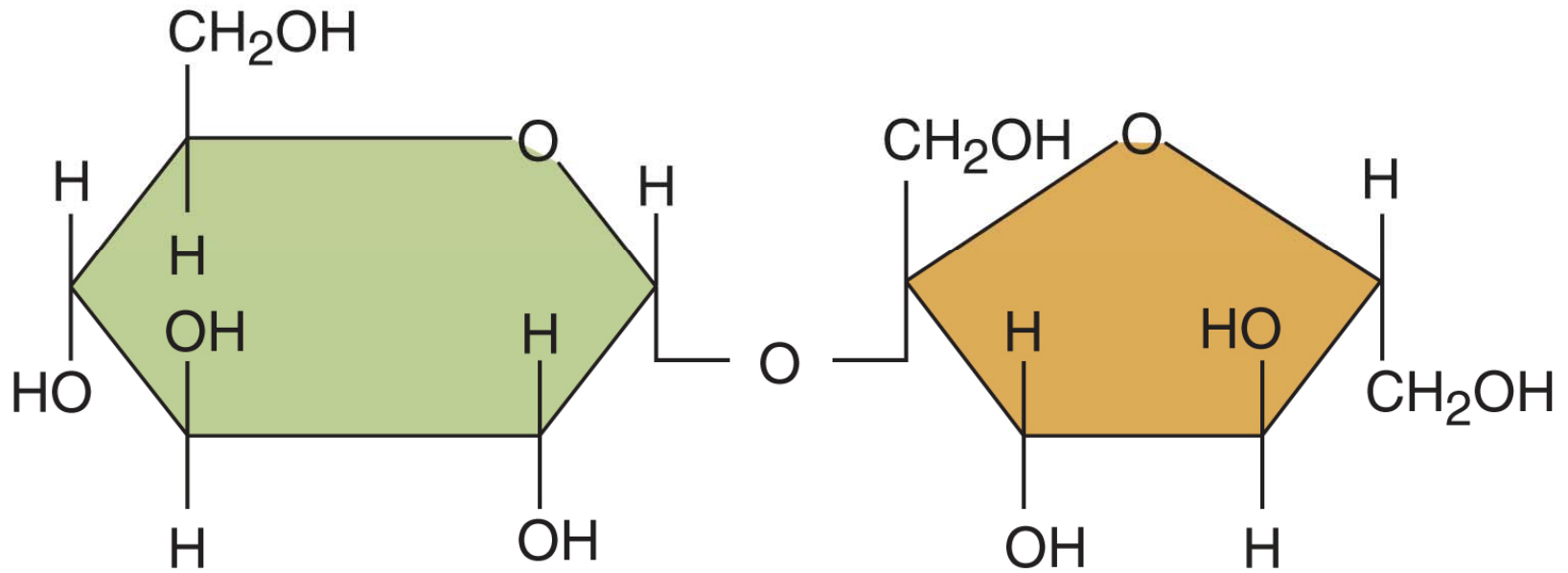
Phospholipid / lethicin (found in egg yolks) /
 note: purple area is a choline molecule
 attached to the phospholipid



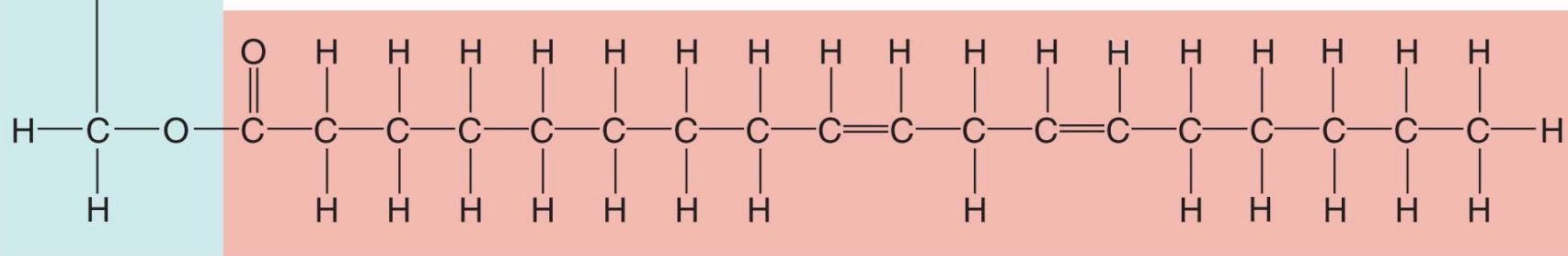
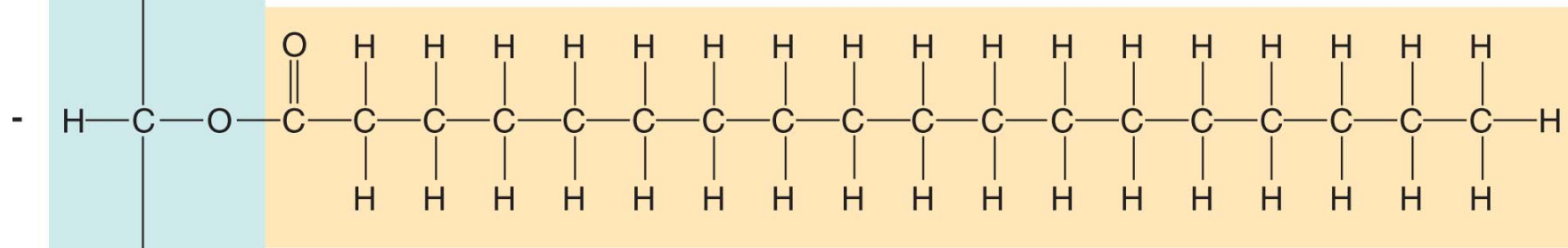
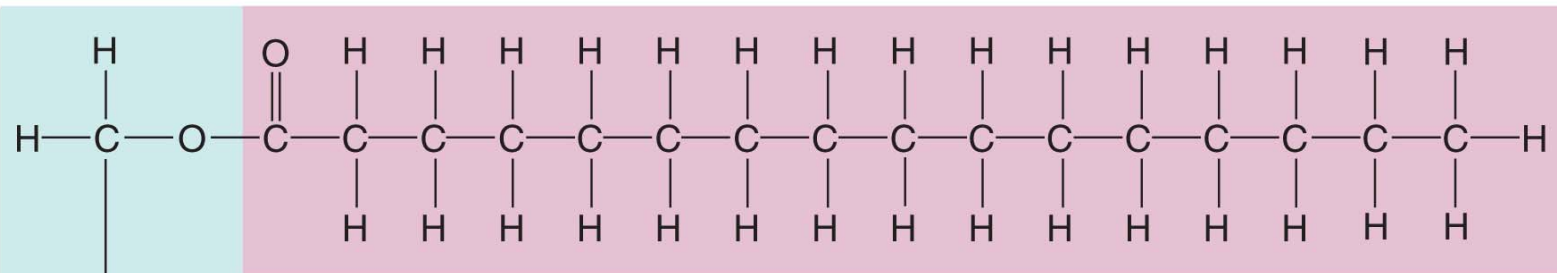


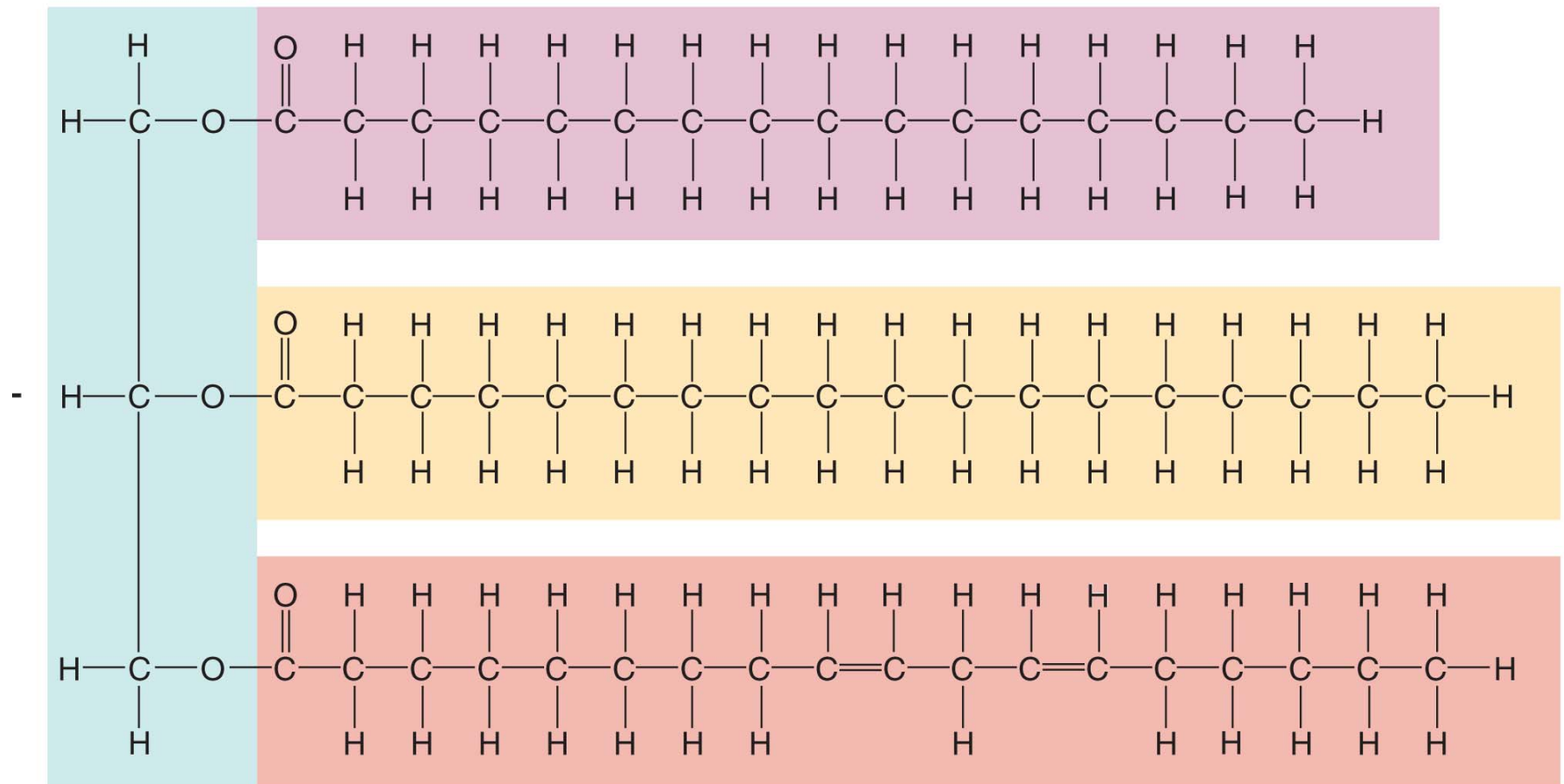
Fatty acid





Sucrose / disaccharide
(glucose and fructose)





Triglyceride (glycerol and three fatty acids)