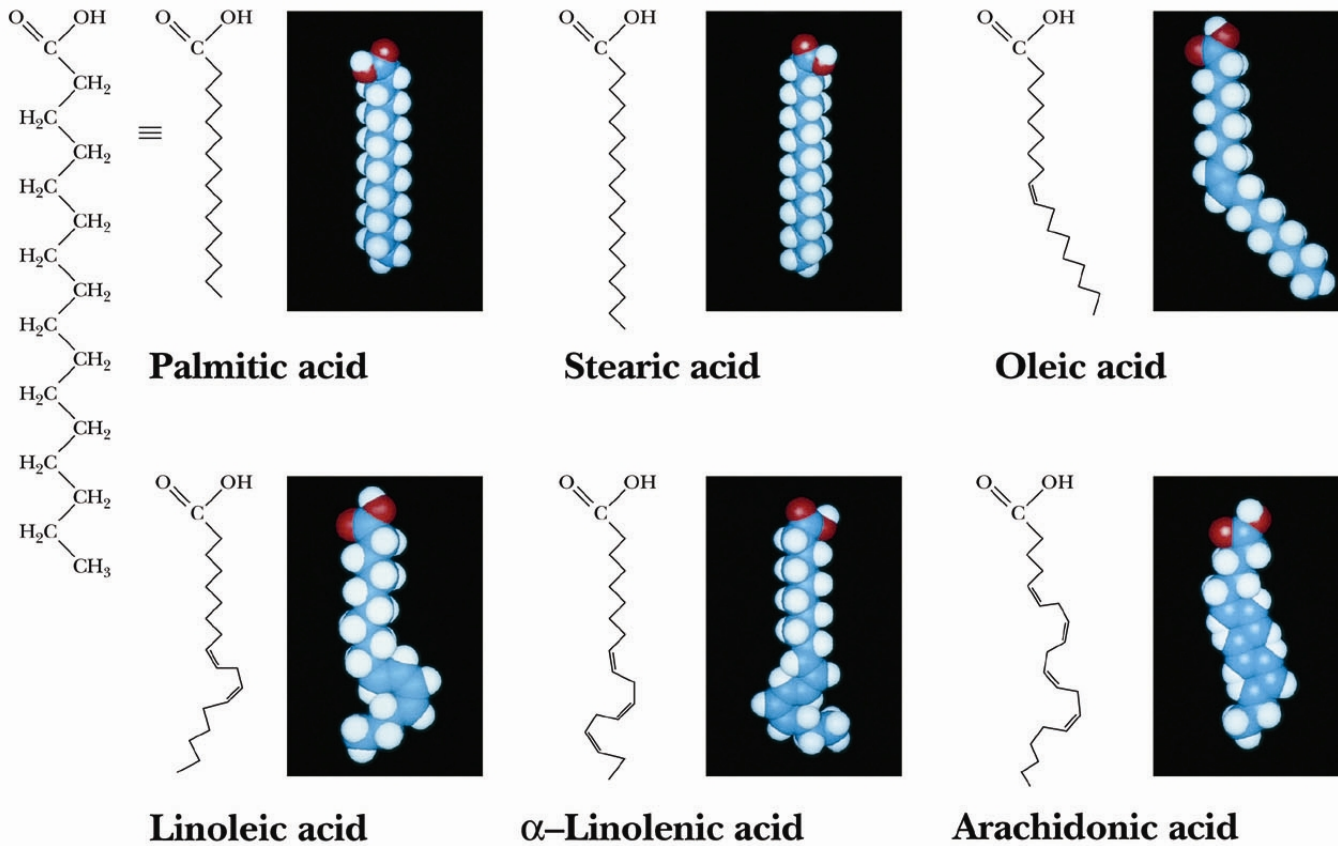
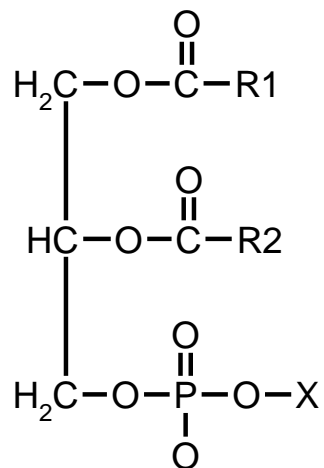


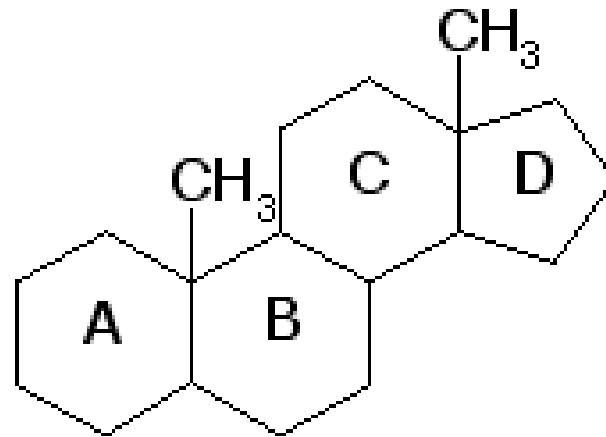
Garrett/Grisham, Biochemistry with a Human Focus
Figure 6.1



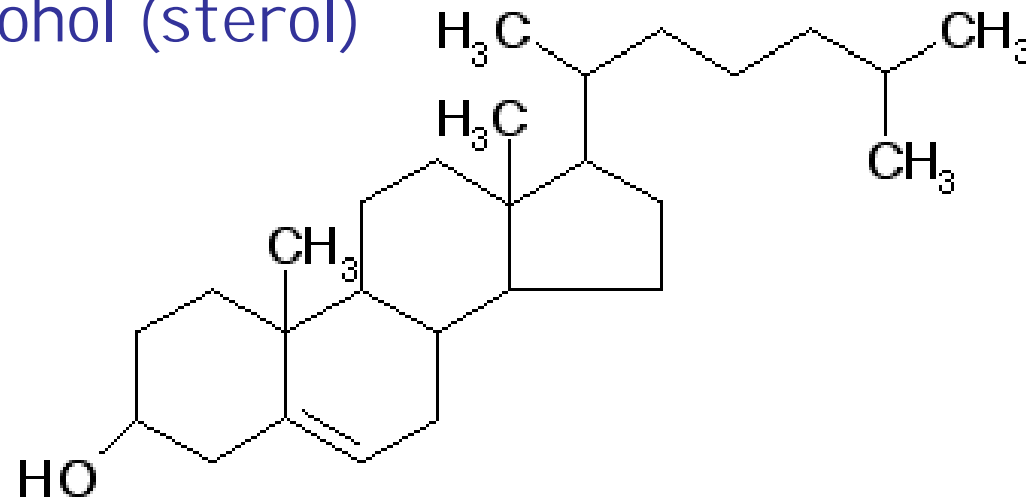


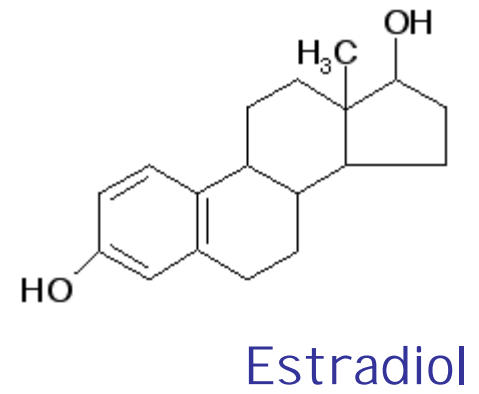
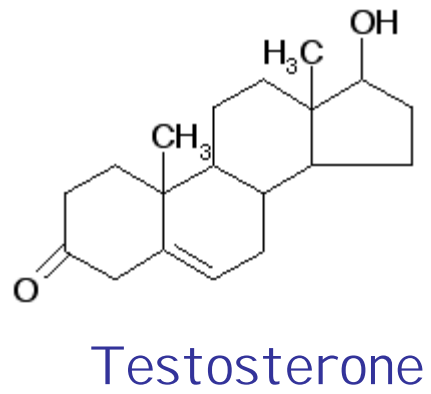
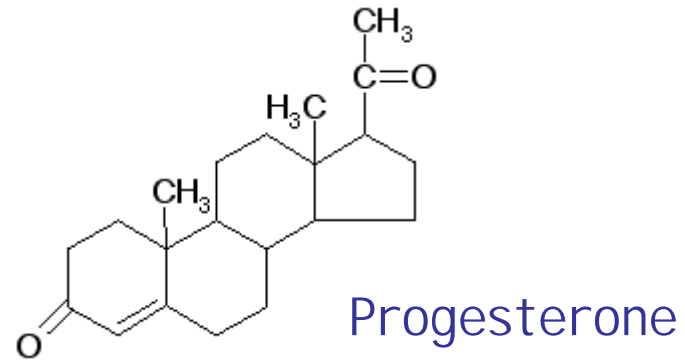
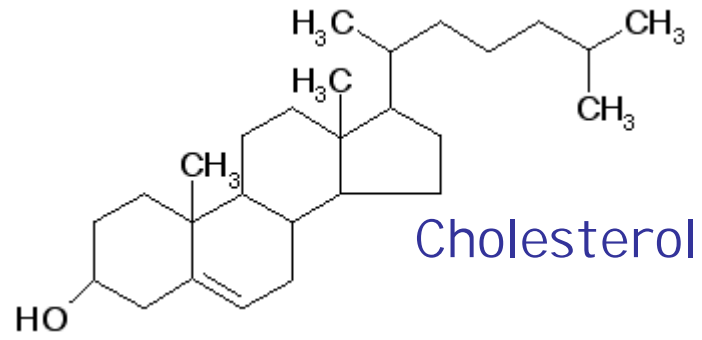
X-Structure	Name	Type
H_2O	Water	Phosphatidic Acid
$-\text{CH}_2-\text{CH}_2-\text{NH}_3^+$	Ethanolamine	Phosphatidylethanolamine
$ \begin{array}{c} \text{CH}_3 \\ \\ -\text{CH}_2-\text{CH}_2-\text{N}^+-\text{CH}_3 \\ \\ \text{CH}_3 \end{array} $	Choline	Phosphatidylcholine
$ \begin{array}{c} \text{NH}_3^+ \\ / \\ -\text{CH}_2-\text{CH} \\ \backslash \\ \text{COO}^- \end{array} $	Serine	Phosphatidylserine

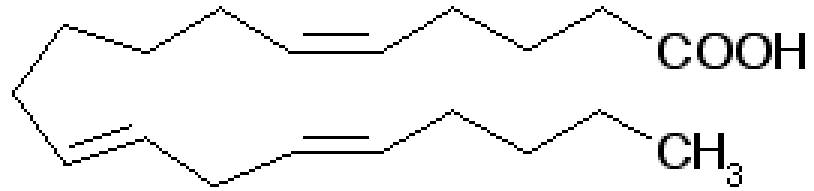
Steroid



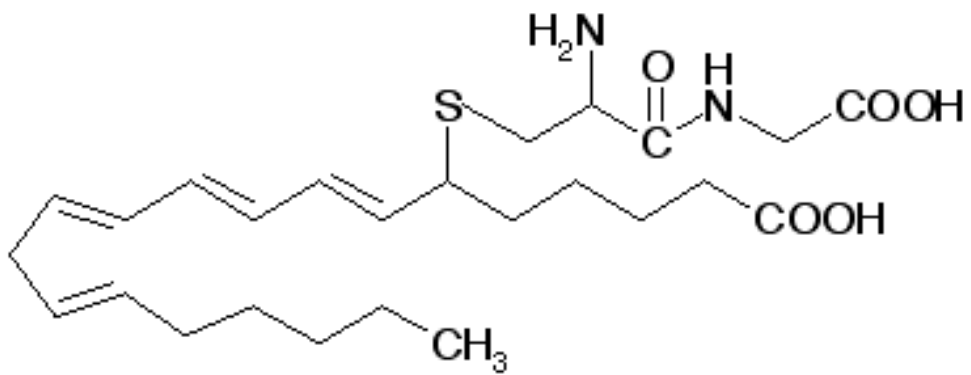
Steroid alcohol (sterol)



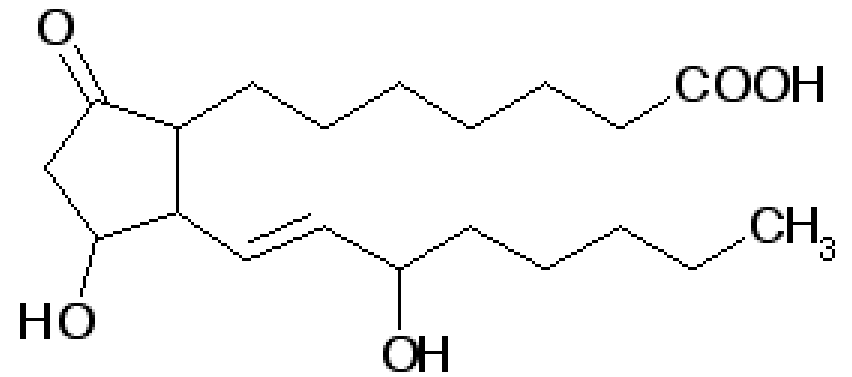




Arachidonic acid



Leukotrienes



Prostaglandins