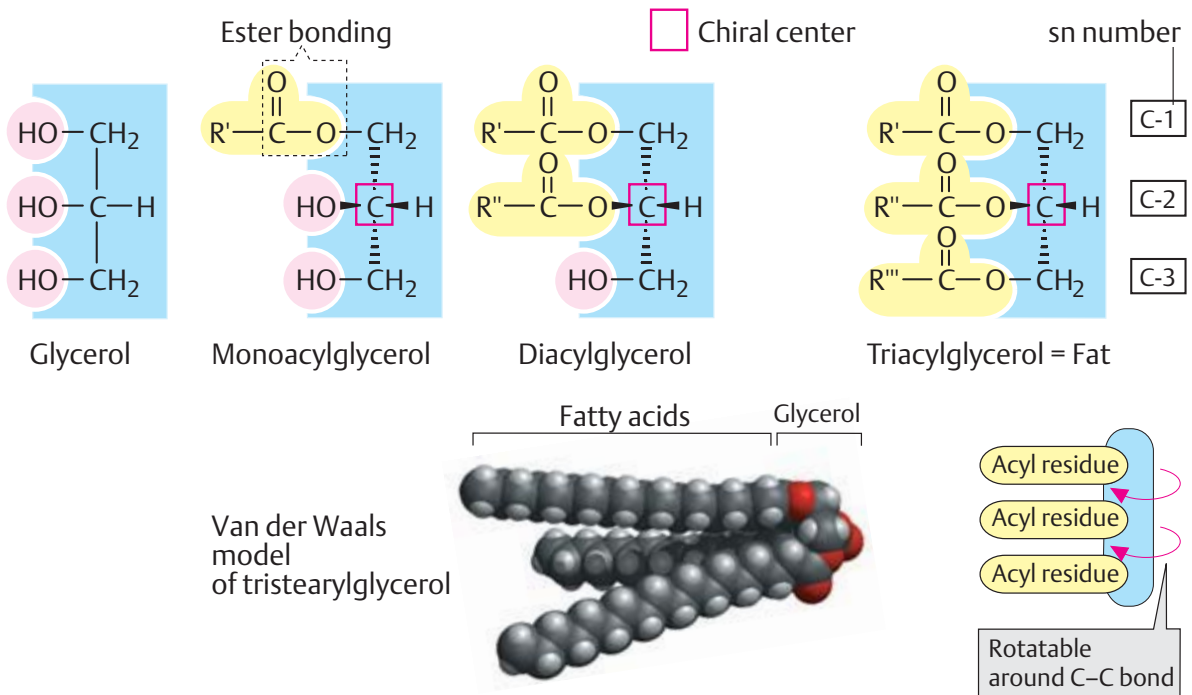


Carboxylic acids

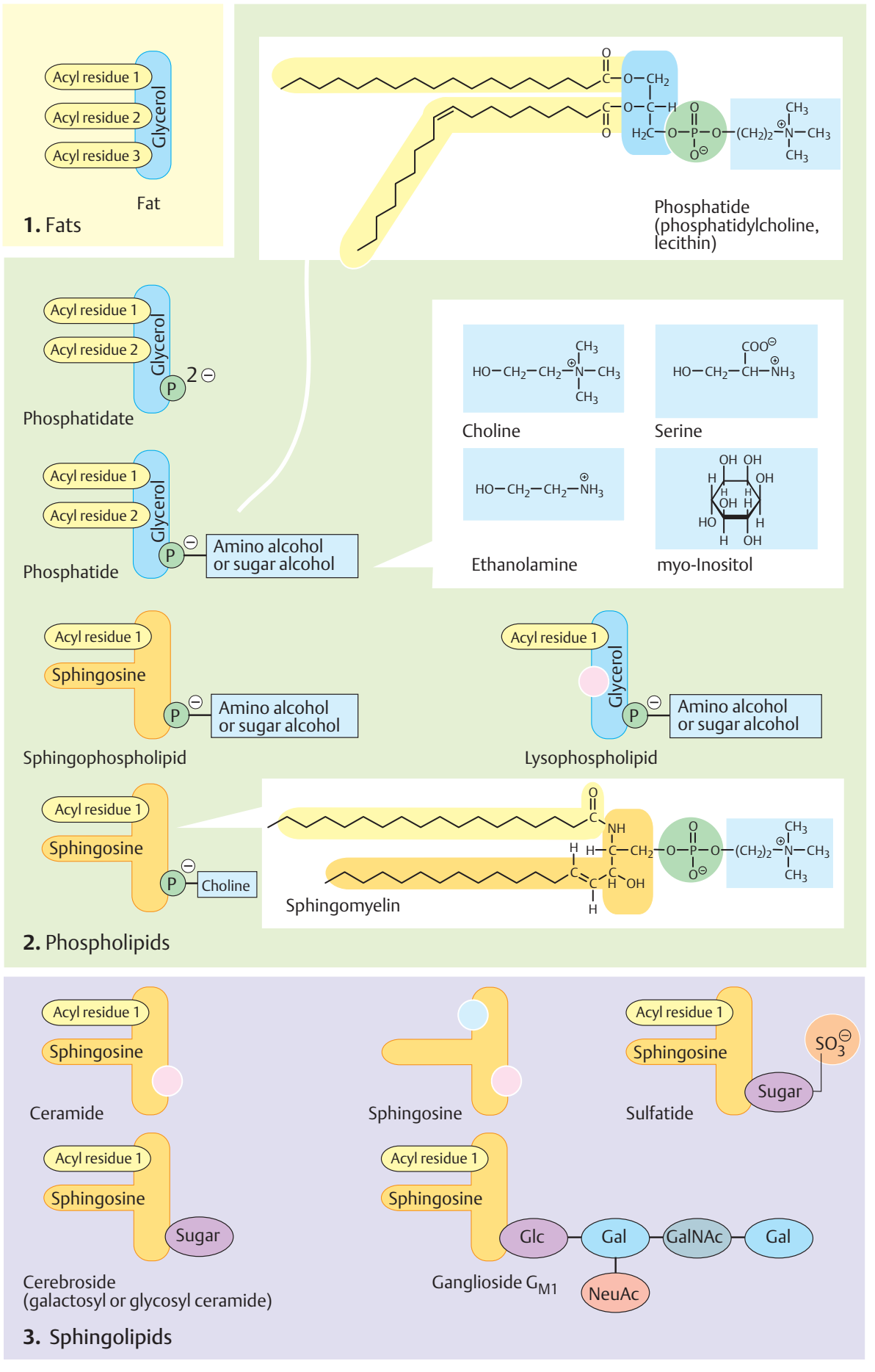
Name	Number of carbons	Number of double bonds Position of double bonds	
Formic acid	1 : 0	●	Not contained in lipids
Acetic acid	2 : 0	●	
Propionic acid	3 : 0	●	
Butyric acid	4 : 0	●	
Valerianic acid	5 : 0	●	
Caproic acid	6 : 0	●	<chem>HOOC-CH2-CH2-CH2-CH2-CH3</chem>
Caprylic acid	8 : 0	●	Caproic acid
Capric acid	10 : 0	●	
Lauric acid	12 : 0	●	
Myristic acid	14 : 0	●	
Palmitic acid	16 : 0	●	
Stearic acid	18 : 0	●	
Oleic acid	18 : 1; 9	●	
★ Linoleic acid	18 : 2; 9,12	●	
★ Linolenic acid	18 : 3; 9,12,15	●	
Arachidic acid	20 : 0	●	
★ Arachidonic acid	20 : 4; 5,8,11,14	●	
Behenic acid	22 : 0	●	
Erucic acid	22 : 1; 13	●	
Lignoceric acid	24 : 0	●	
Nervonic acid	24 : 1; 15	●	

★ Essential in human nutrition

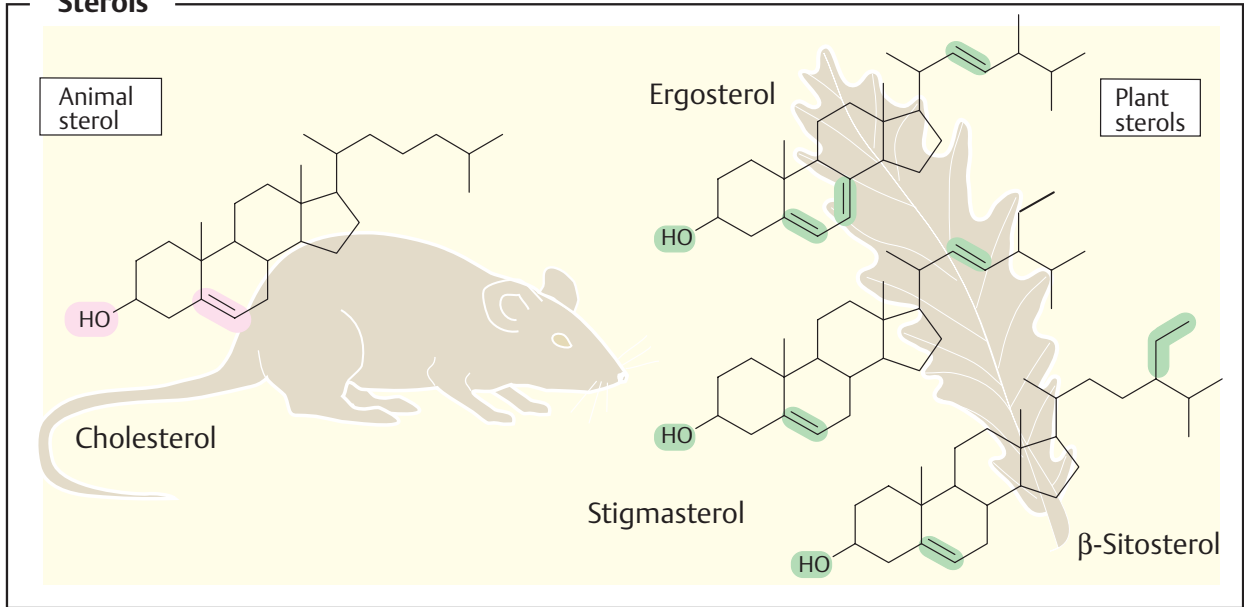
Structure of fats



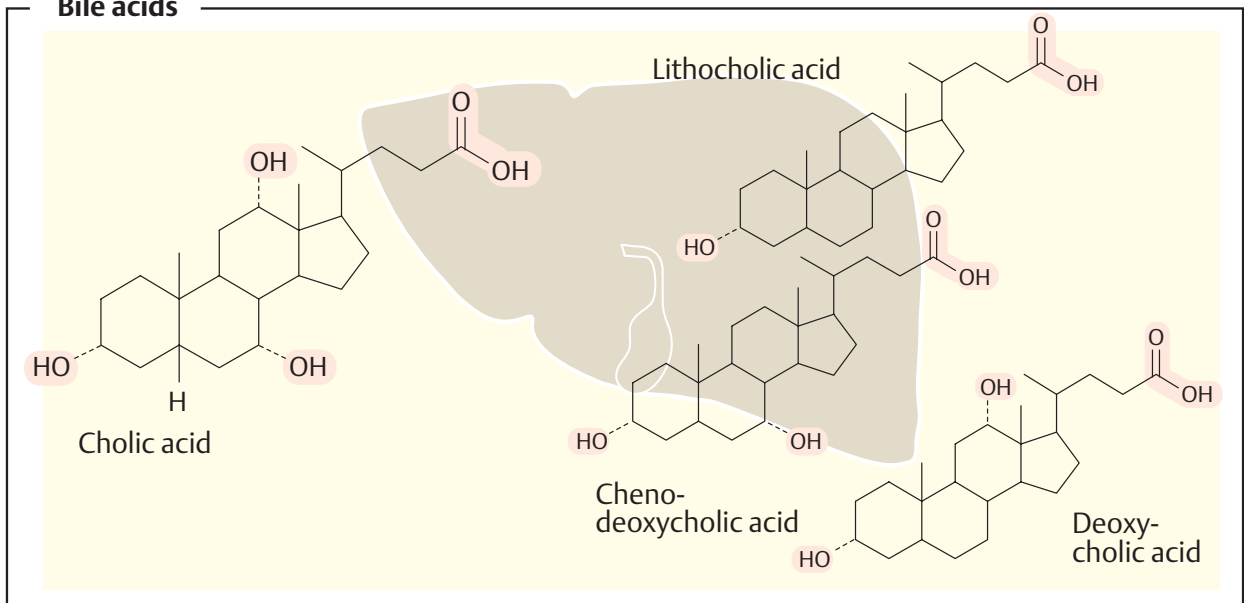
Structure of fats, phospholipids, and glycolipids



Sterols



Bile acids



Steroid hormones

