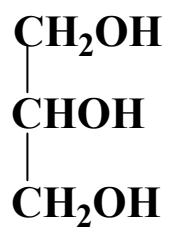
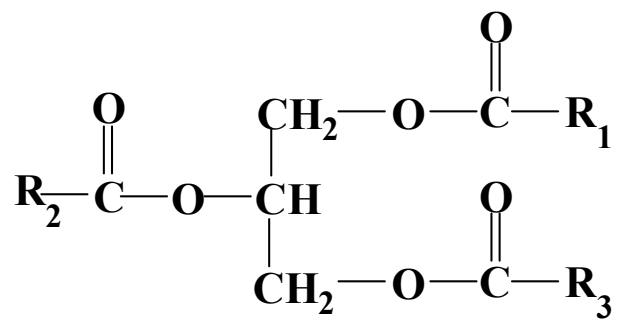
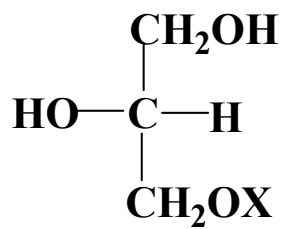


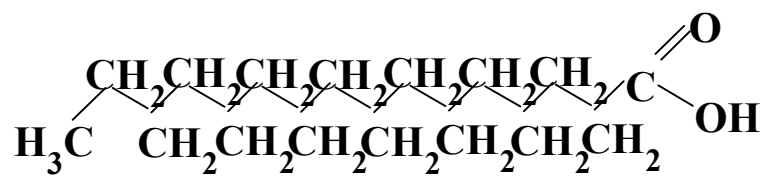
Lipidy



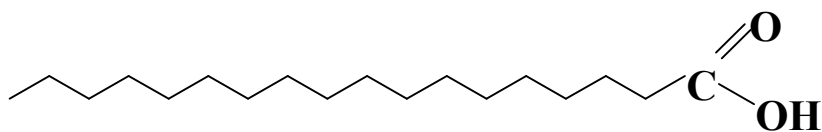
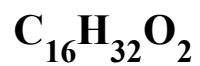
glycerol



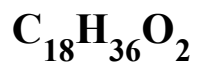
derivát sn-glycerolu
(L-glycerol)

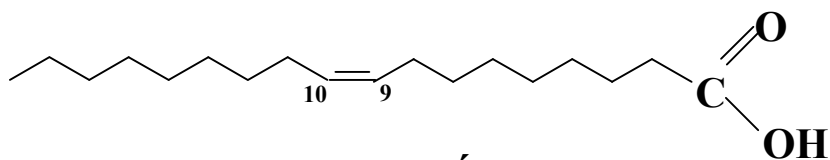


K. PALMITOVÁ

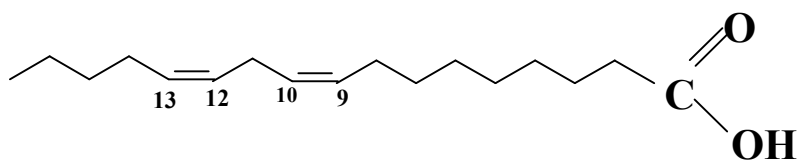
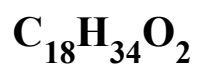


K. STEAROVÁ

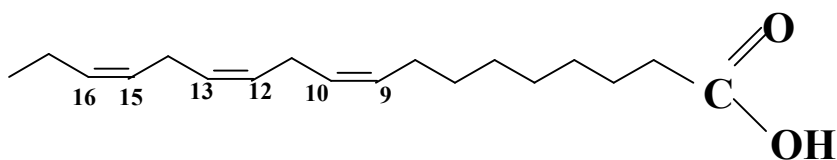
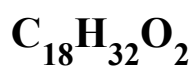




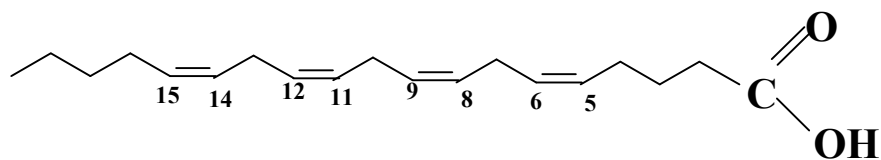
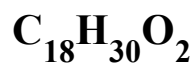
K. OLEJOVÁ



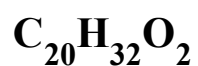
K. LINOLOVÁ

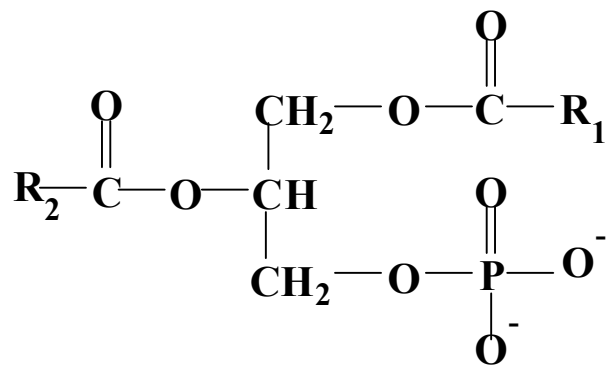


K. LINOLENOVÁ



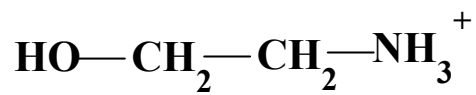
K. ARACHIDONOVÁ



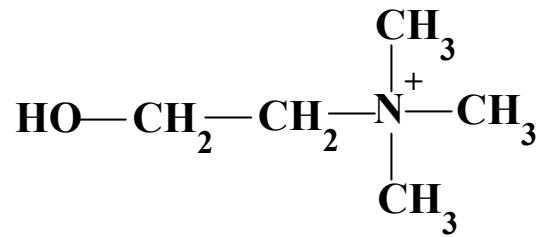


K. FOSFATIDOVÁ

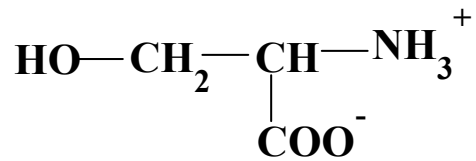
1,2-diacyl-glycerol-3-fosforečná k.



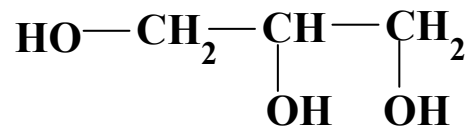
ETHANOLAMIN



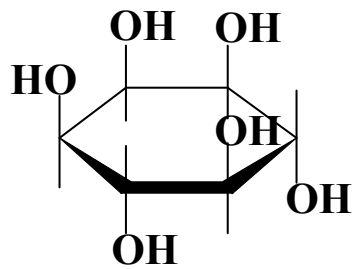
CHOLIN



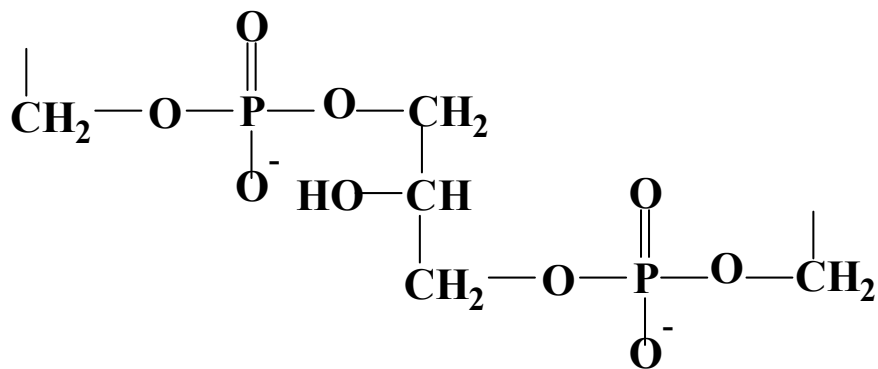
SERIN

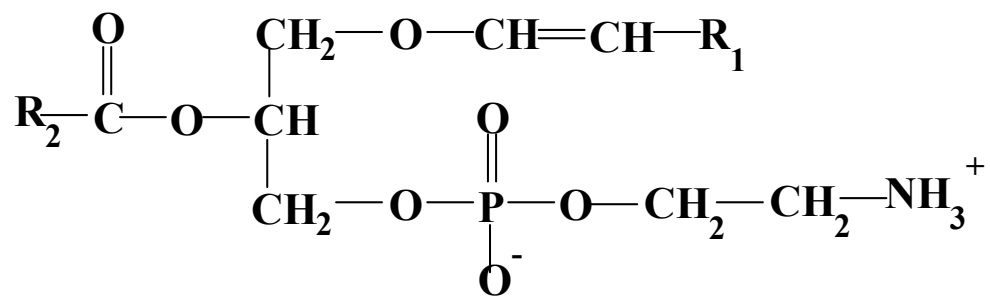


GLYCEROL

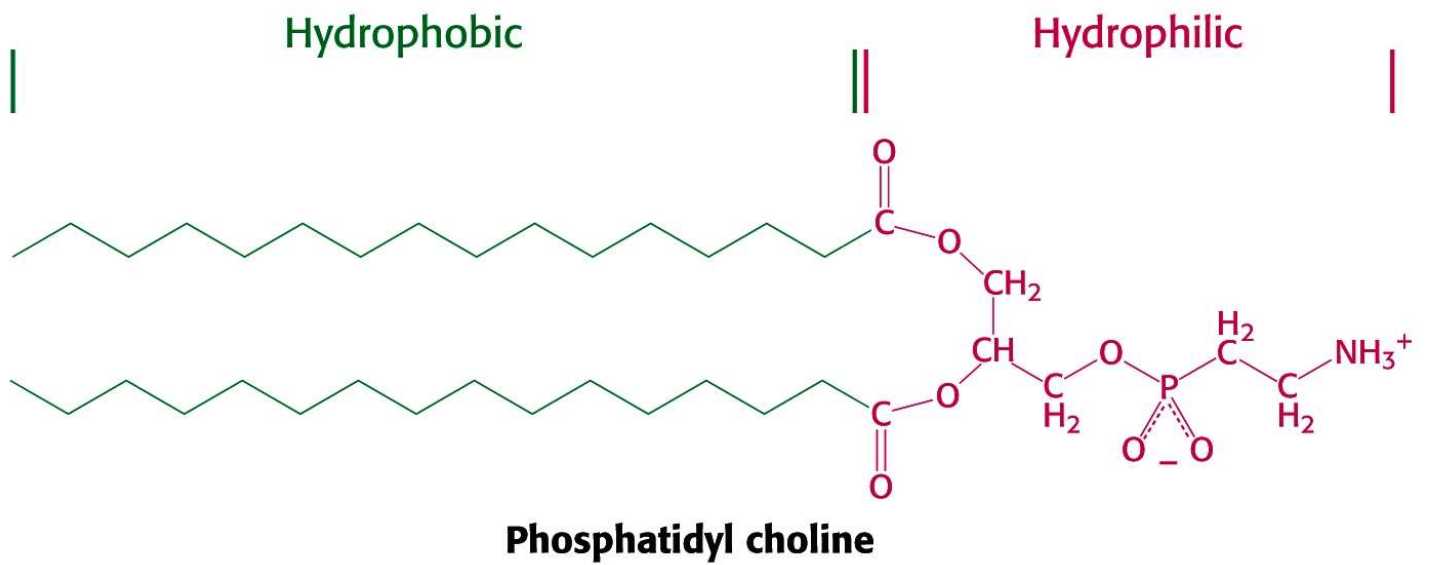


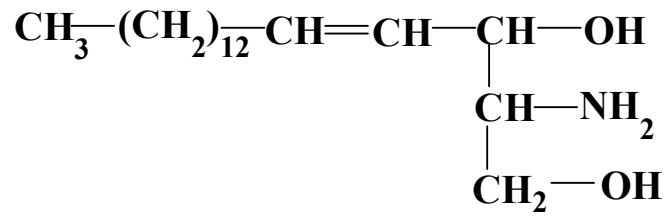
INOSITOL



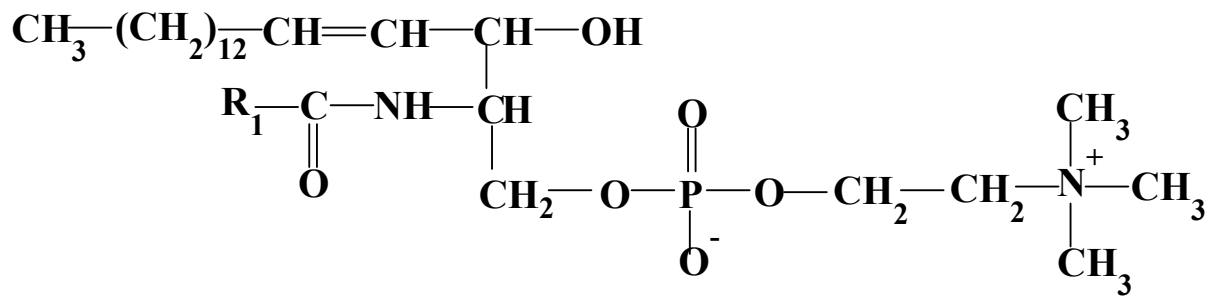


Fosfatidyl etanolamin - kefalín

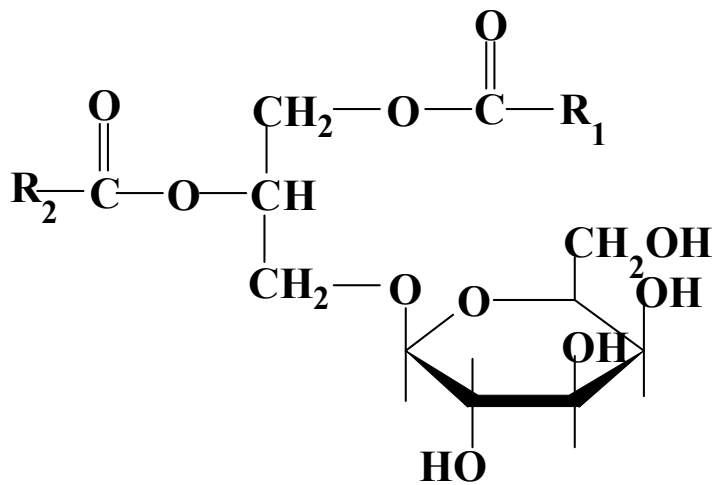


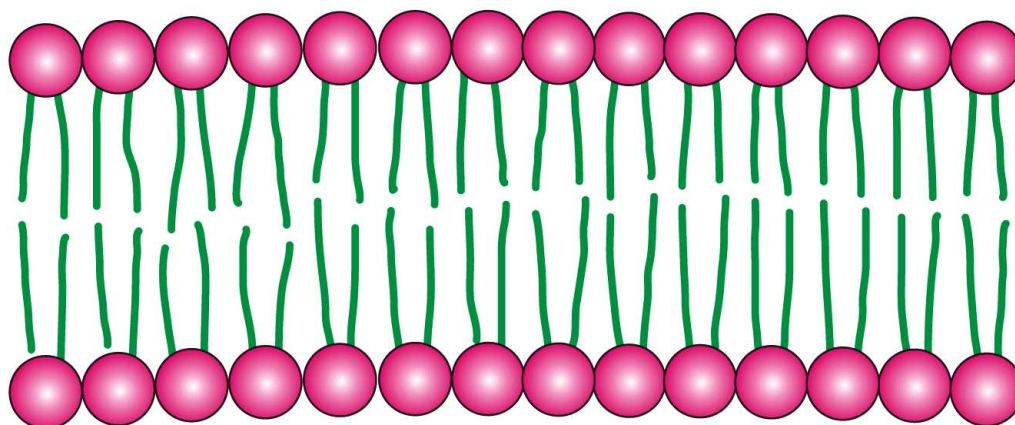
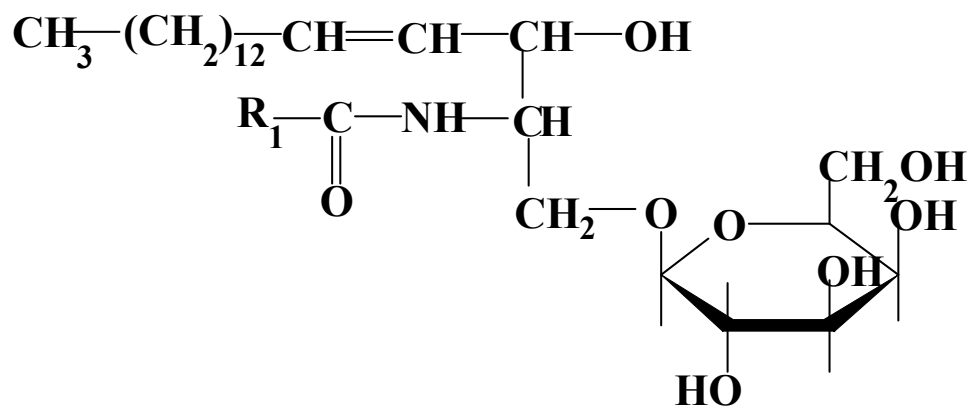


SFINGOSIN



SFINGOMYELIN



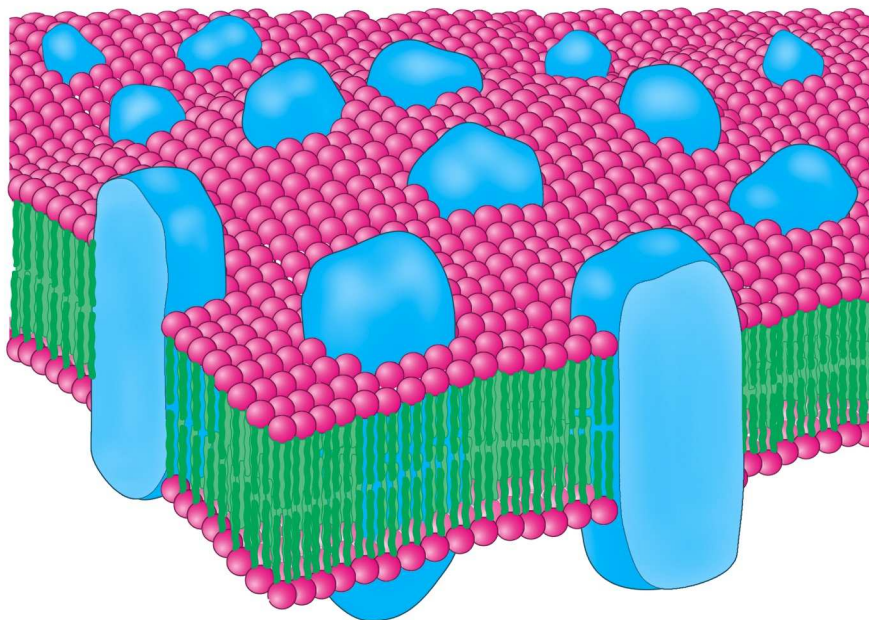


Bimolekulární vrstva polárních lipidů

Molekulové složení membrán

Membrána	proteiny %	lipidy %	sacharidy %
cytoplazmatická	49	43	8
jaderná	59	35	2
mitochondriální vnější	52	46	2
mitochondriální vnitřní	76	23	1
myelinová	18	79	3

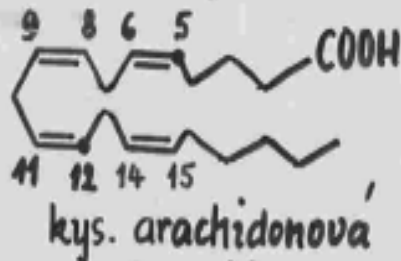
Lipid (%)	erythrocyt	myelin	mitochondrie	E.coli
fosfatidylcholin	19	10	39	0
fosfatidylethanolamin	18	20	27	65
fosfatidylglycerol	0	0	0	18
kardiolipin	0	0	23	12
sfingomyelin	18	9	0	0
glykolipidy	10	26	0	0
cholesterol	25	26	3	0



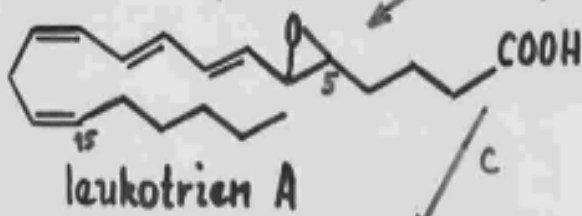
Fluidně mozaikový model membránové struktury

MEMBRÁNOVÝ FOSFOLIPID

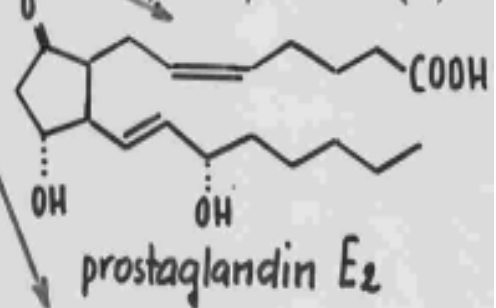
↓ fosfolipasa A₂



lipoxigenasa



inhibice aspirinem/
cyklooxygenasa (c)



c

