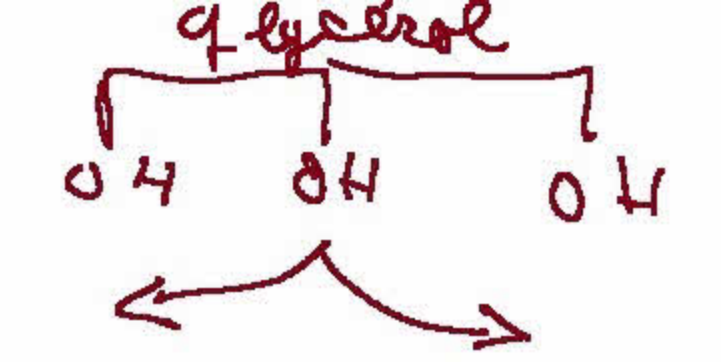
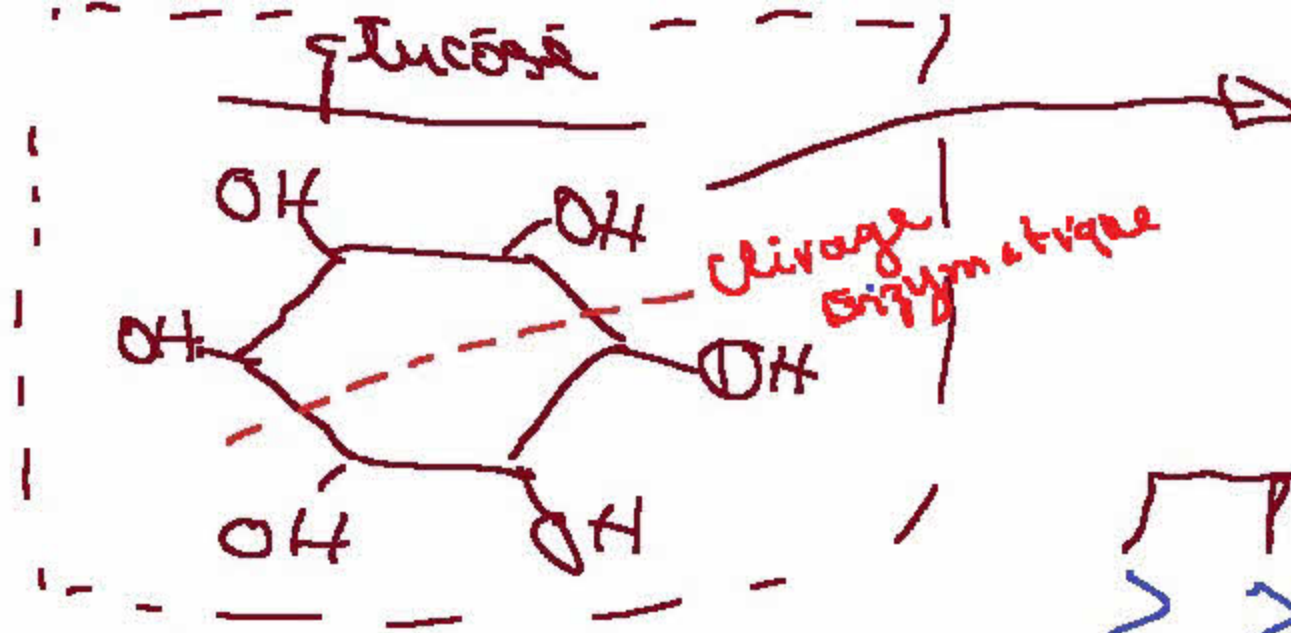
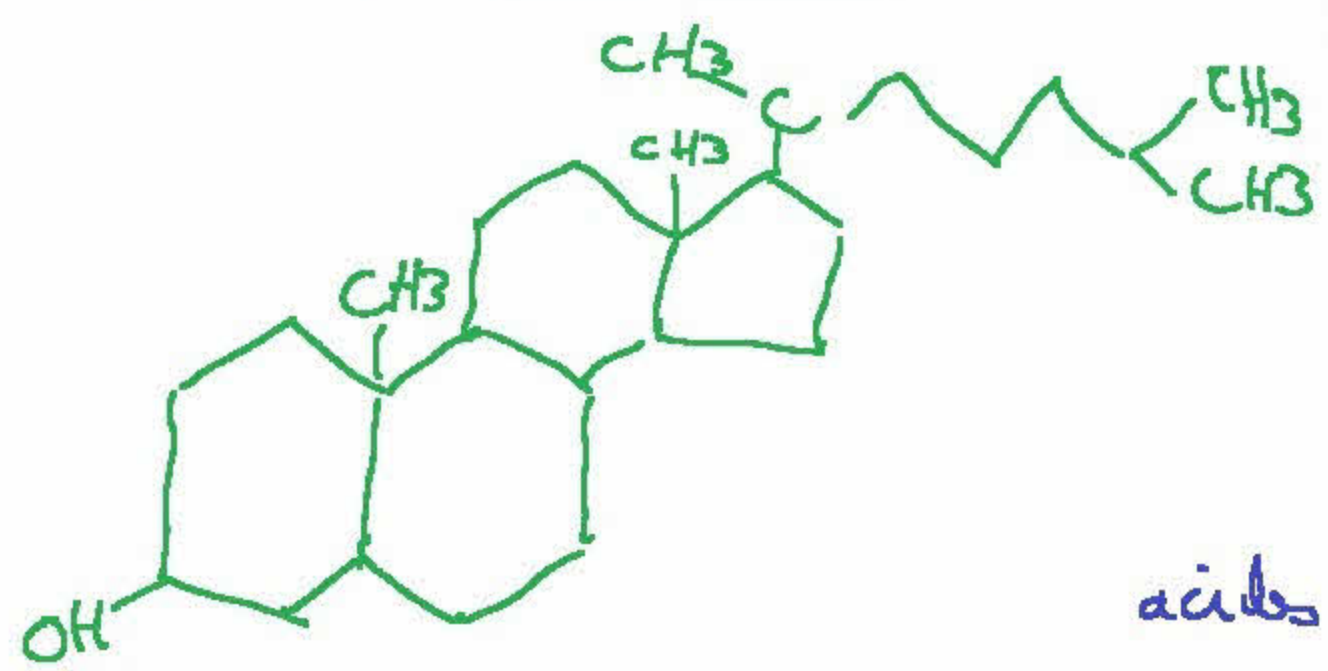
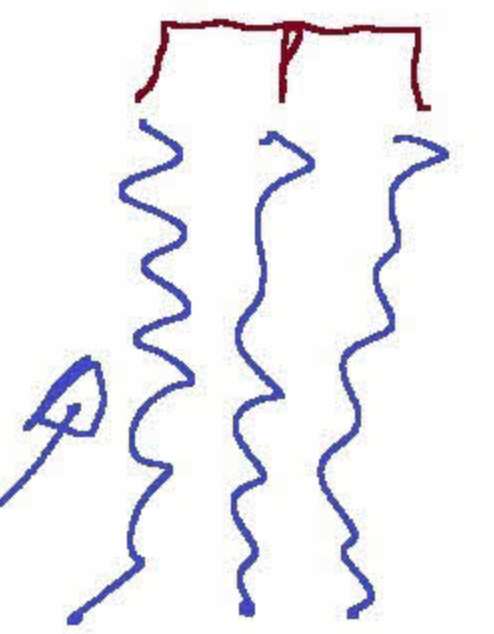
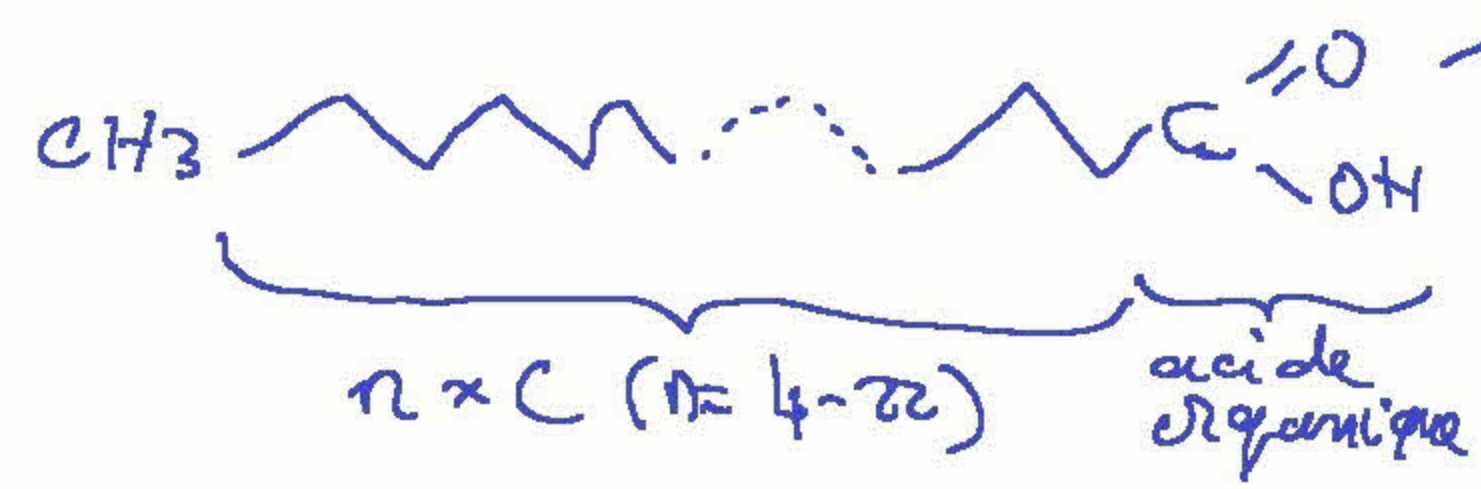


I - Les Lipides

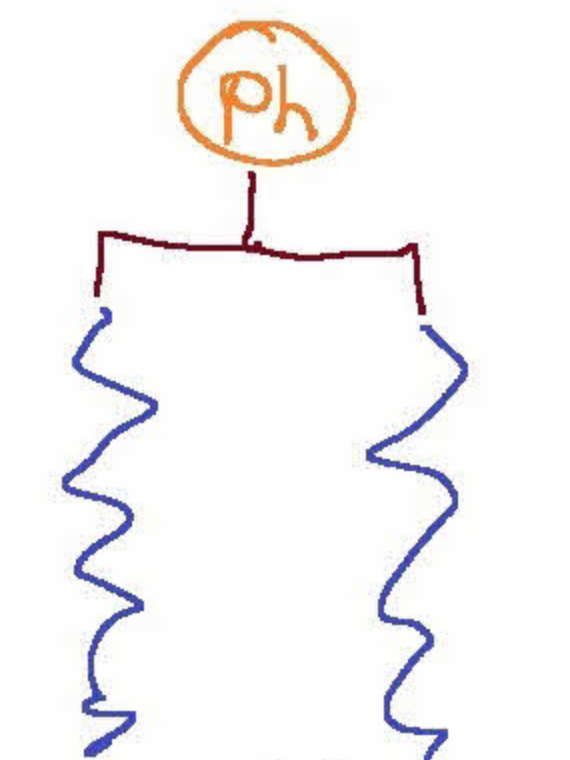
Cholestérol



acides gras

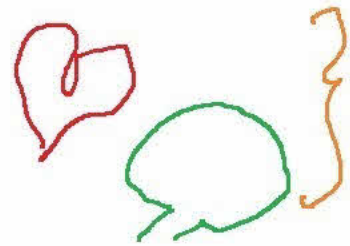
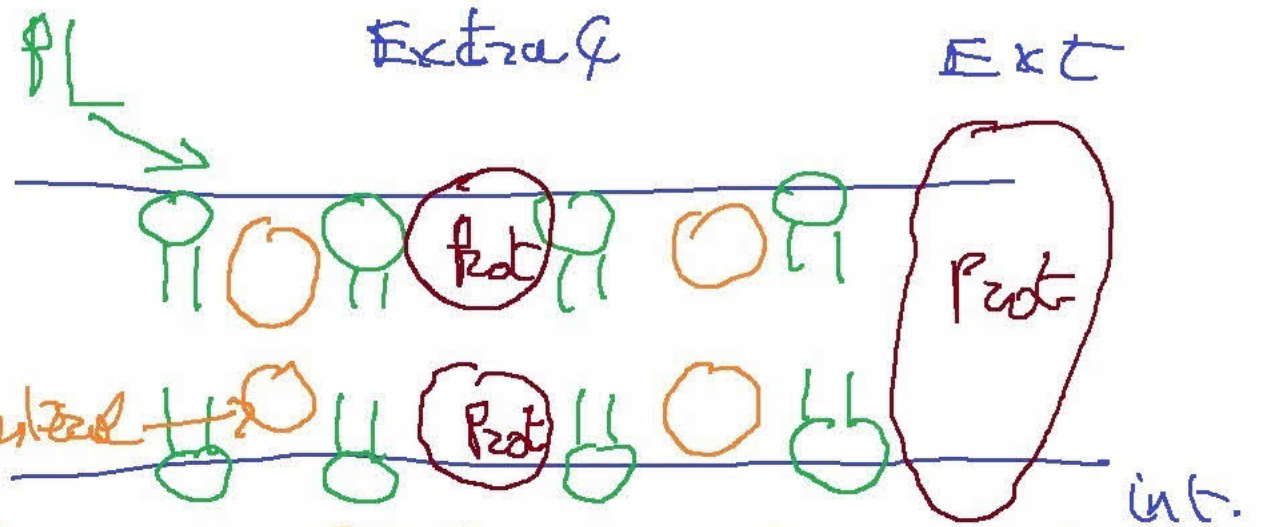
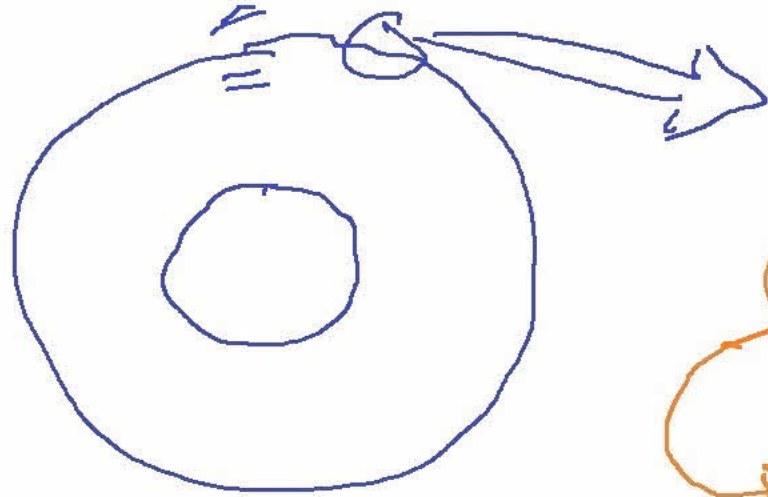


triglycérides



phospholipides

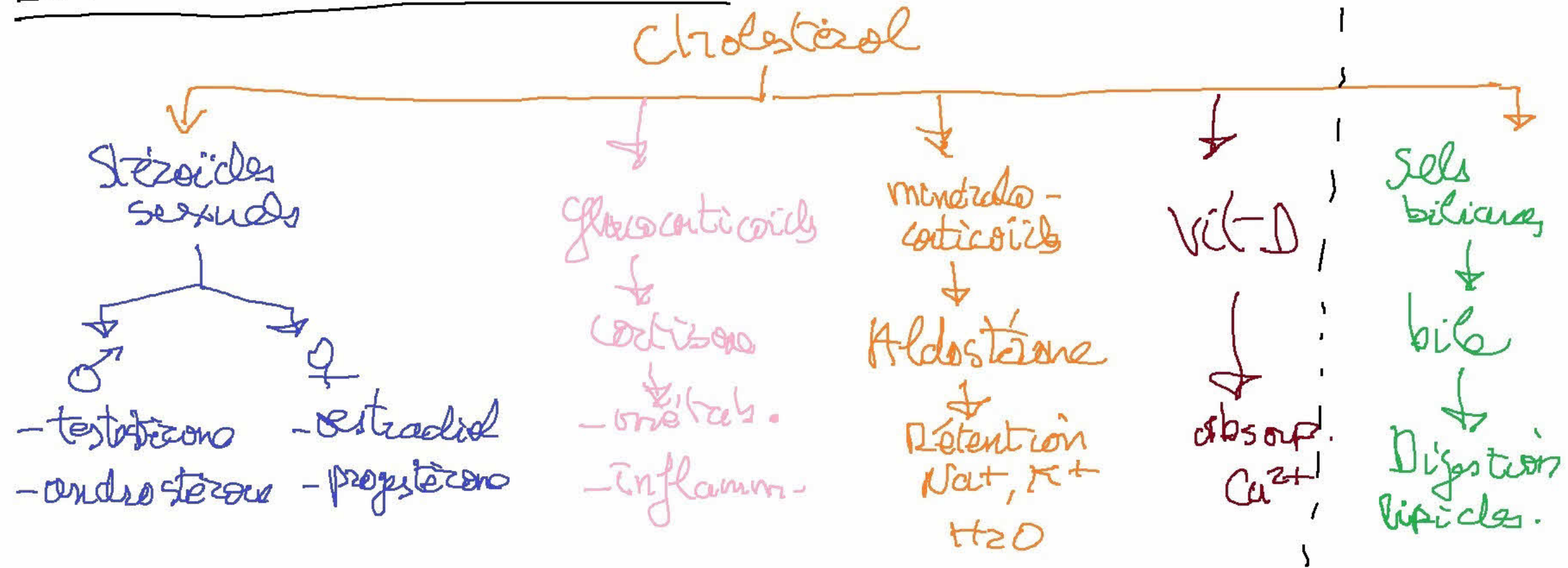
II - la membrane cellulaire



fluidité $\left\{ \begin{array}{l} t^{\circ} \uparrow \Rightarrow \downarrow \text{fluidité} \\ t^{\circ} \downarrow \Rightarrow \uparrow \text{fluidité} \end{array} \right.$
 prométhéisme
 3/4 cholestérol !

PL: phospholipides ; Prot.: protéines (récepteurs, canaux, enzymes ...)

III - Hormones stéroïdes



IV - Métabolisme du Cholestérol

alimentation

1g/j

(appet $\uparrow$ $\Rightarrow$ absorp $\downarrow$)

$1/4$

$3/4$

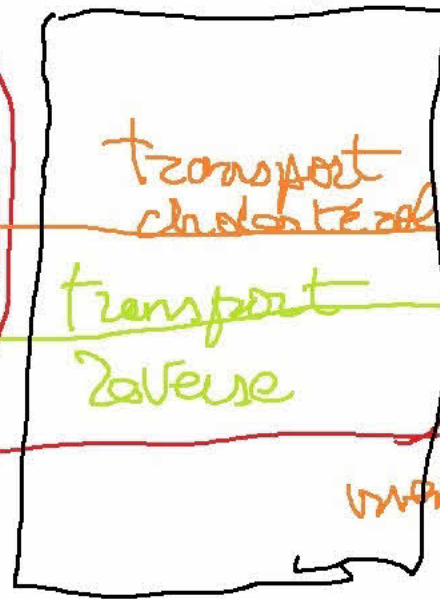
Synthèse

hépatique

acétate

Foie

sécrétion biliaire



triglyc

hormones stéroïdes

V - Transports du cholestérol

