

I. Classification des P.E.

I: Nature

- S. Organiques
- S. minérales
- S. Radioactifs



II

- t/- haute prod. Vol (HAPV)
- t/- persistant



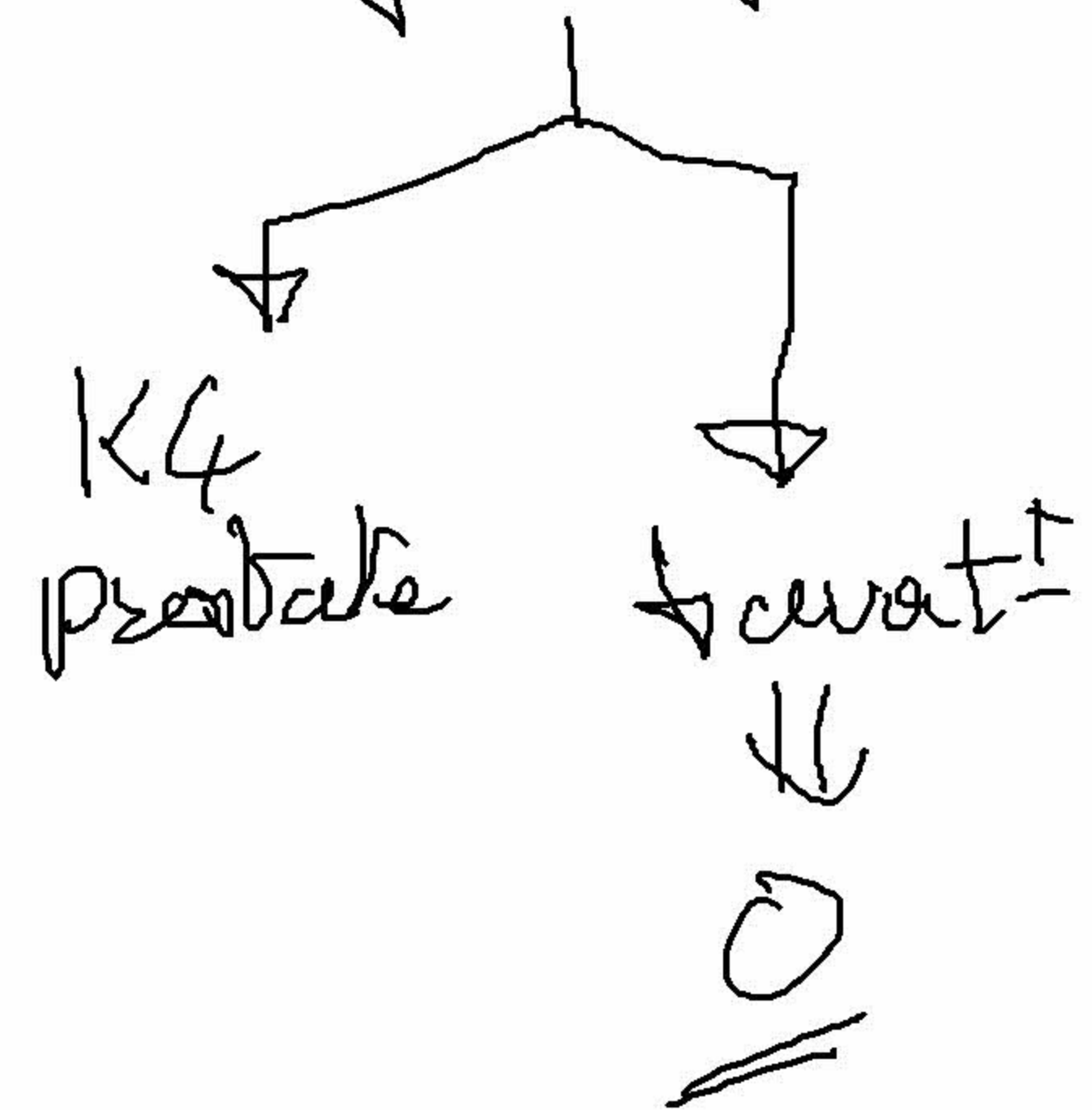
III: Cat.

- Pd. Pharma. Vito
 - stéroïdes
 - Bistilbene.
- Pd industriels
 - Polystyrène
 - Parabènes
 - phthalates
- Pd combustions
 - Dioxines
- insecticides
 - organochlorés
 - Phytoestrogènes

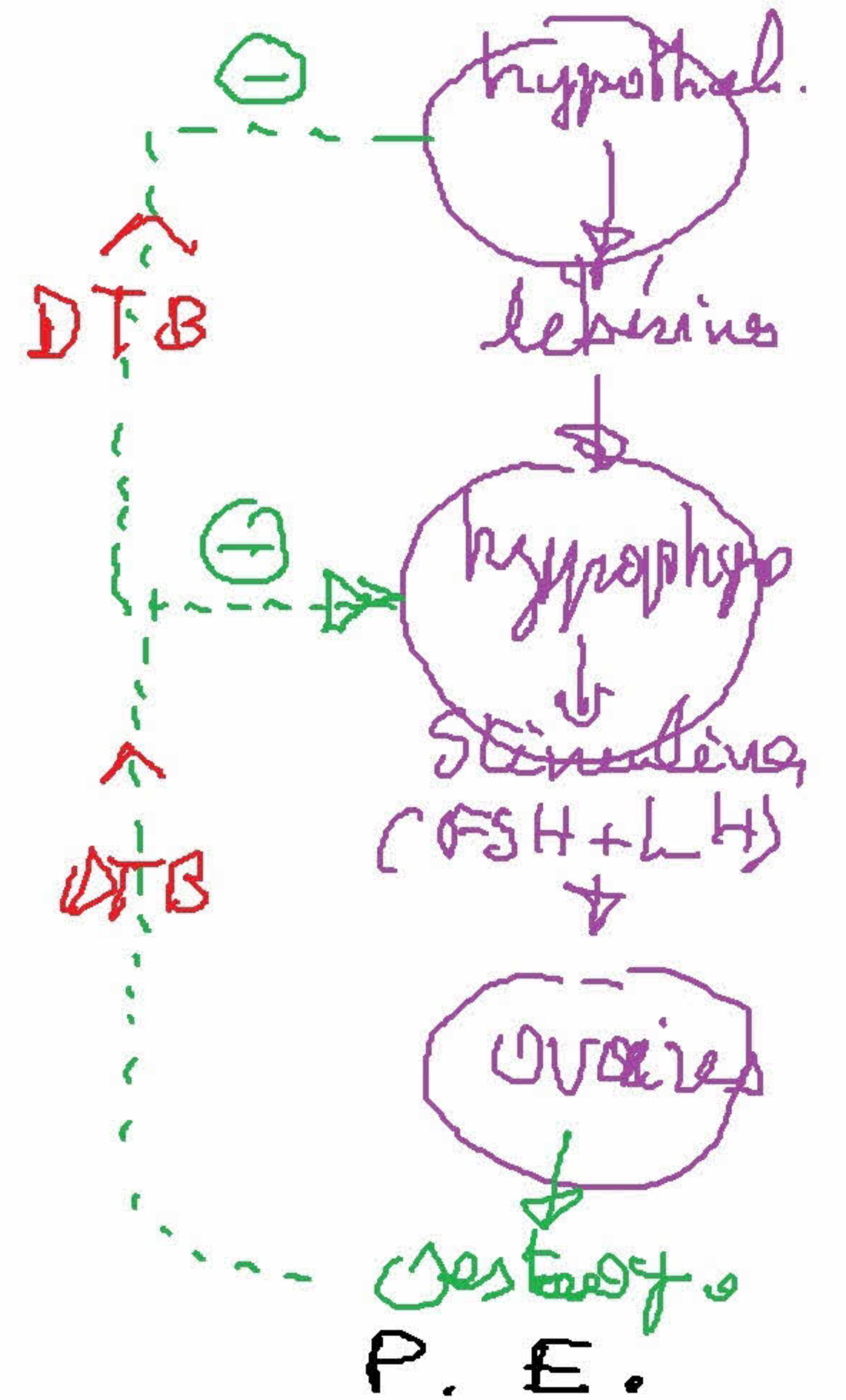
(P.E.: Perturbateurs Endocriniens)

II - Distillatona (DTB)

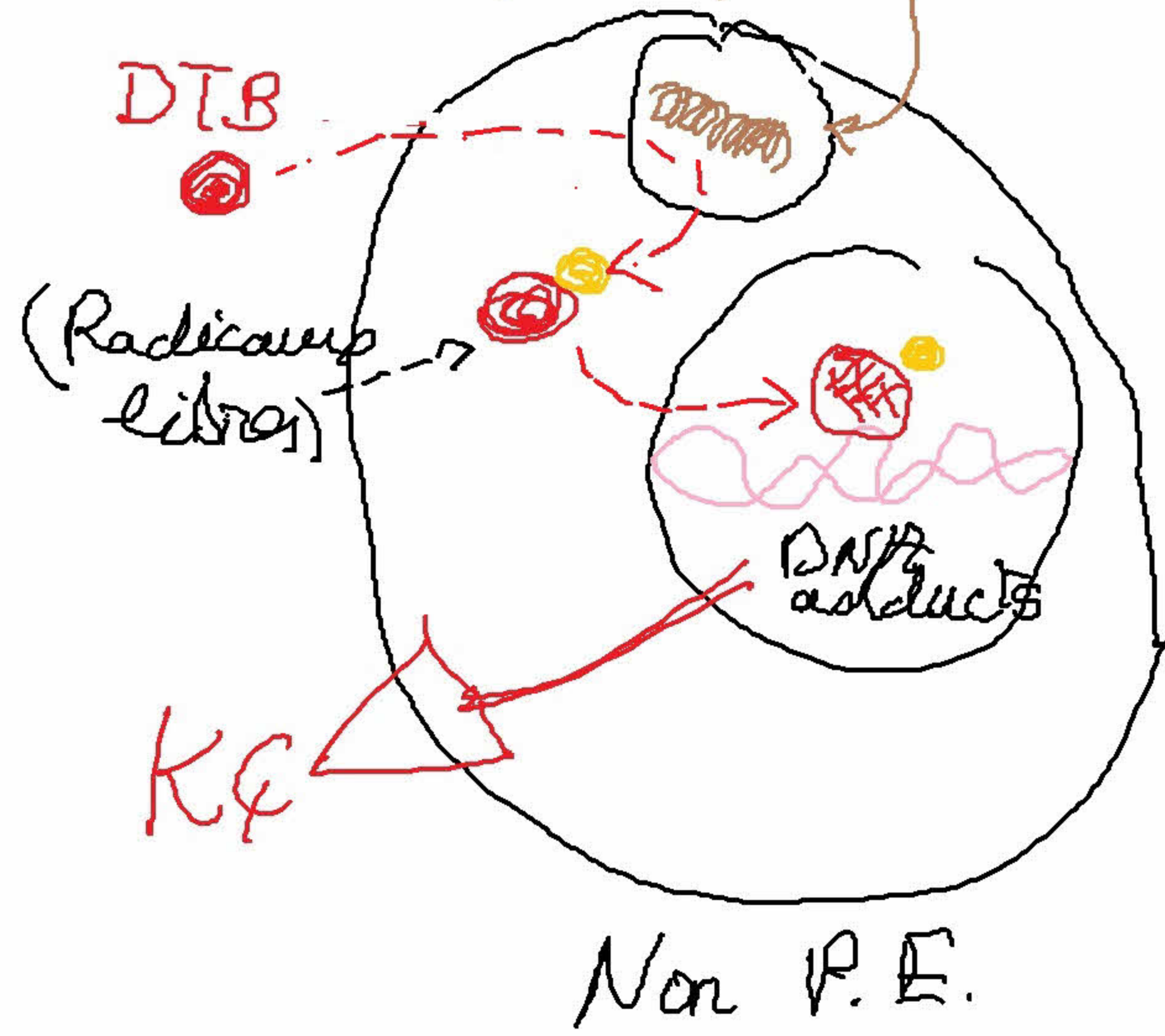
estrog. de synthesis



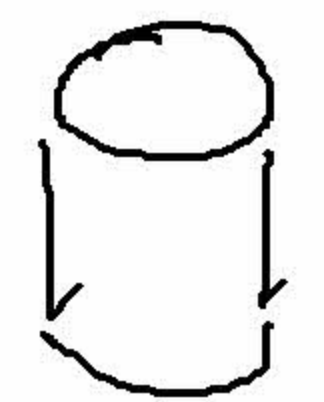
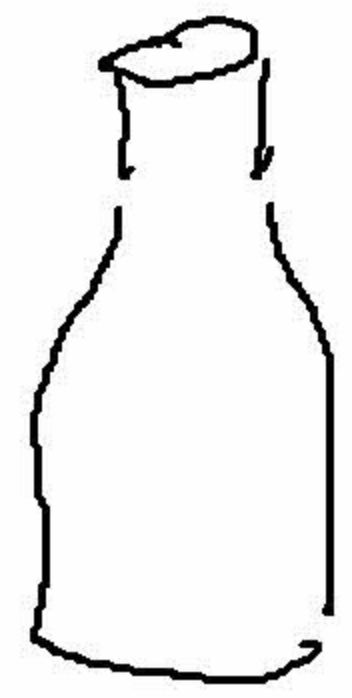
Sterilizat $\text{♀} + \text{♂}$



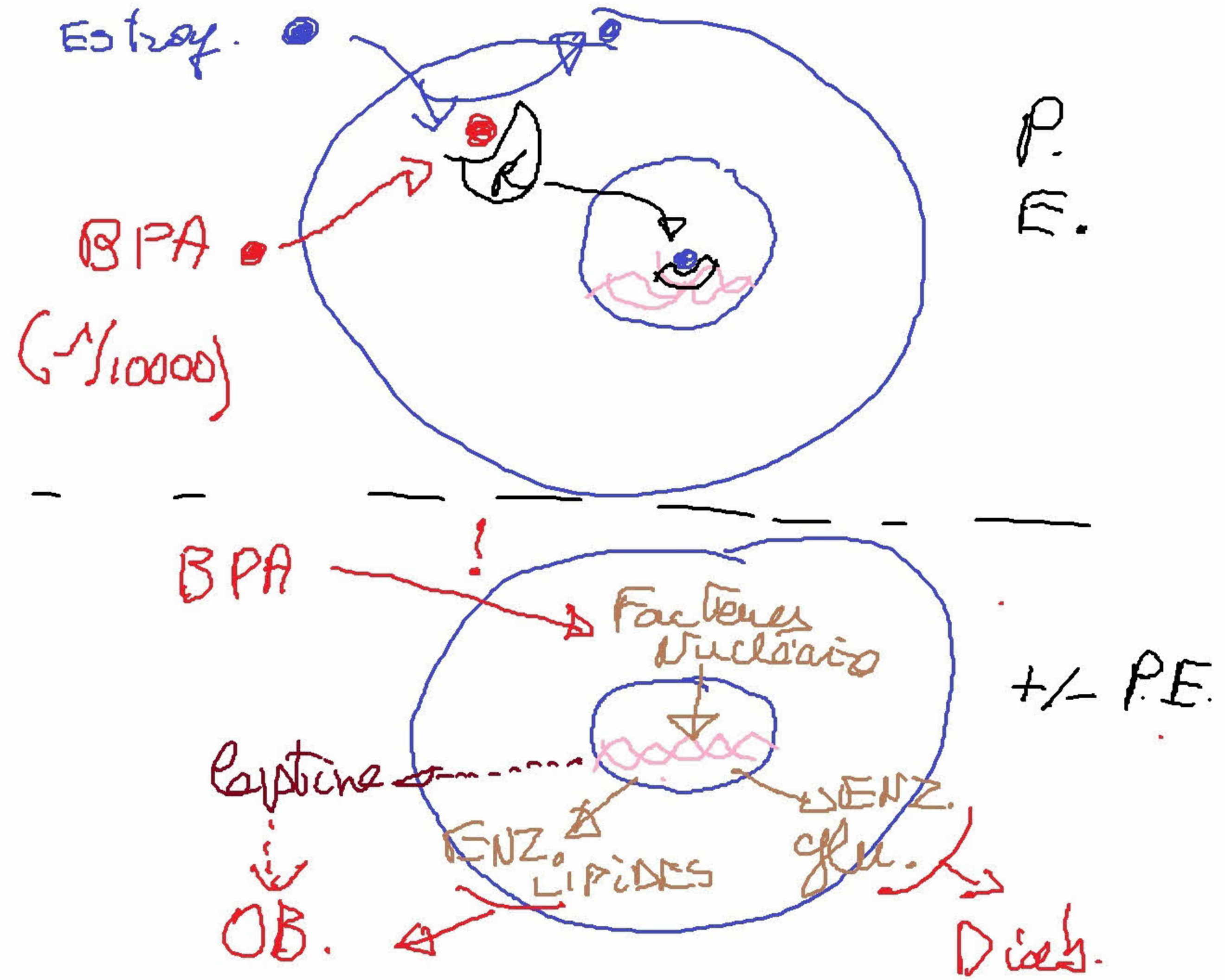
K4 sem exterior peroxisoma



III - Bisphenol A (BPA)



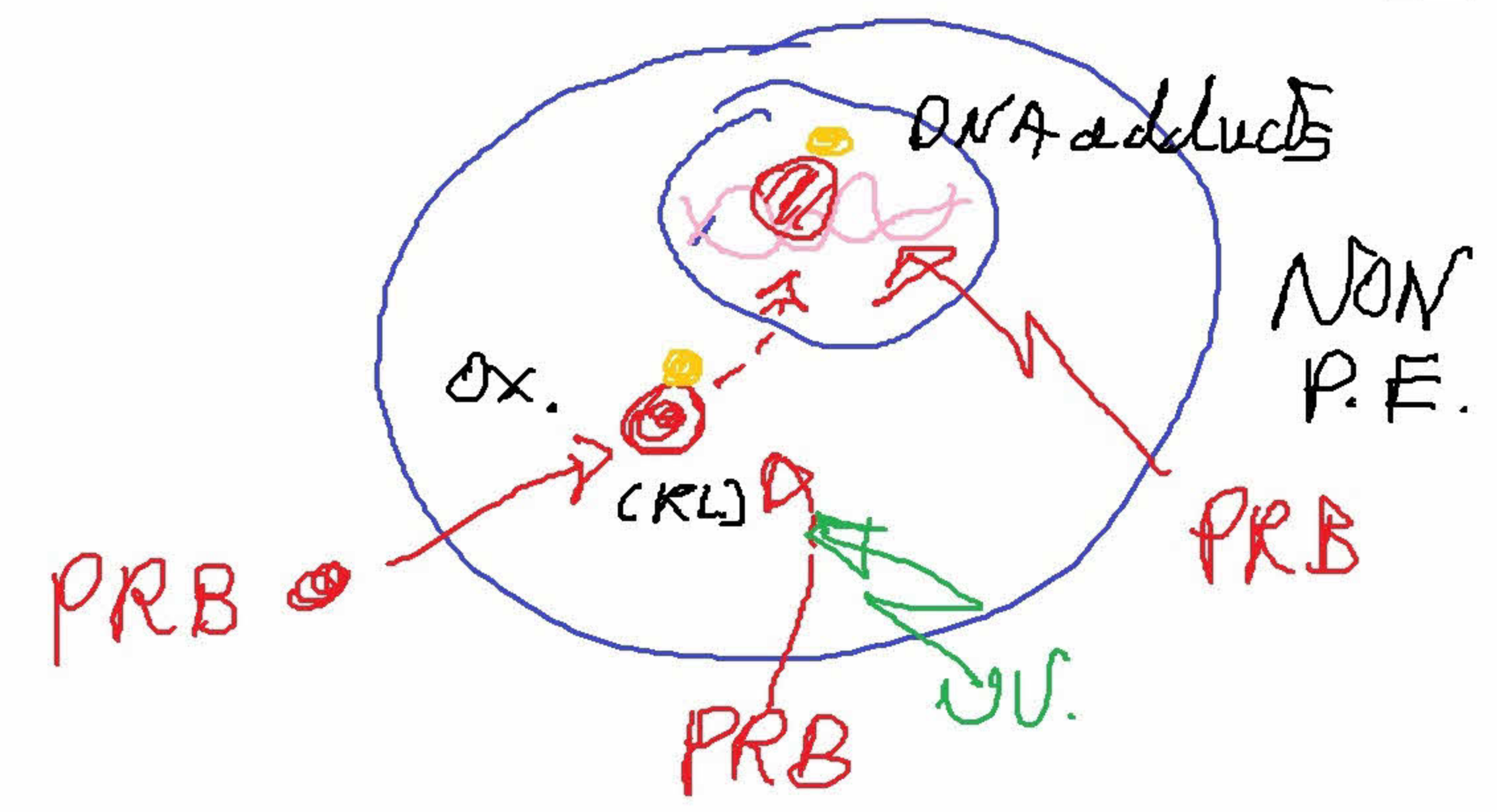
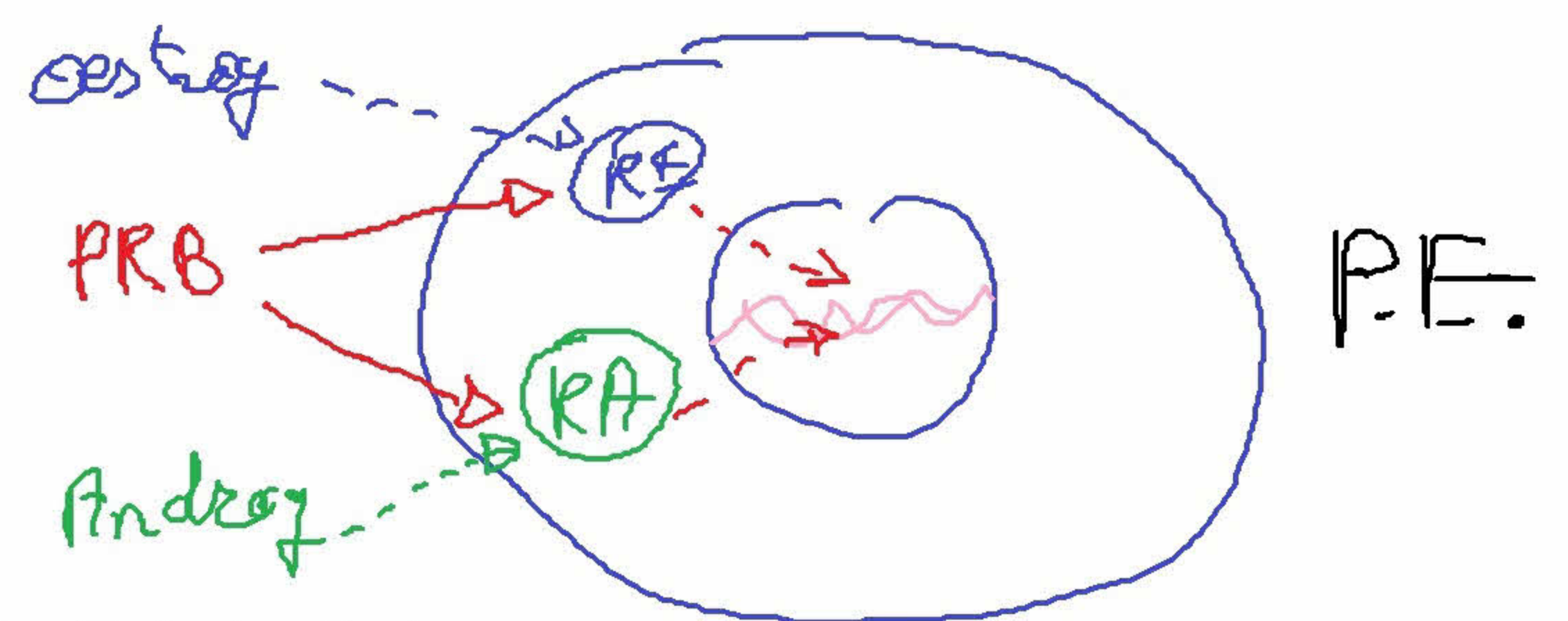
- Reprodu.
- gdo mamma
- mitaklene - ohosike - dechika.
- prath. Cardiovasc.
- KQ (?)



IV - Parabenés (PRB)

- Cosméticos
- antifongicos
 - antibact.
 - conservadores
- PE. ♂
 - Kf
 - Immunotox.
 - neurotox.
 - alergias (?)

(R.L.: Radicaux Libres)



V: Phthalates (PA)

→ Benzène

- plastifiants
- assouplissants
- fixateurs cosm.

• Reprotoxique P.E. ♂ & ♀

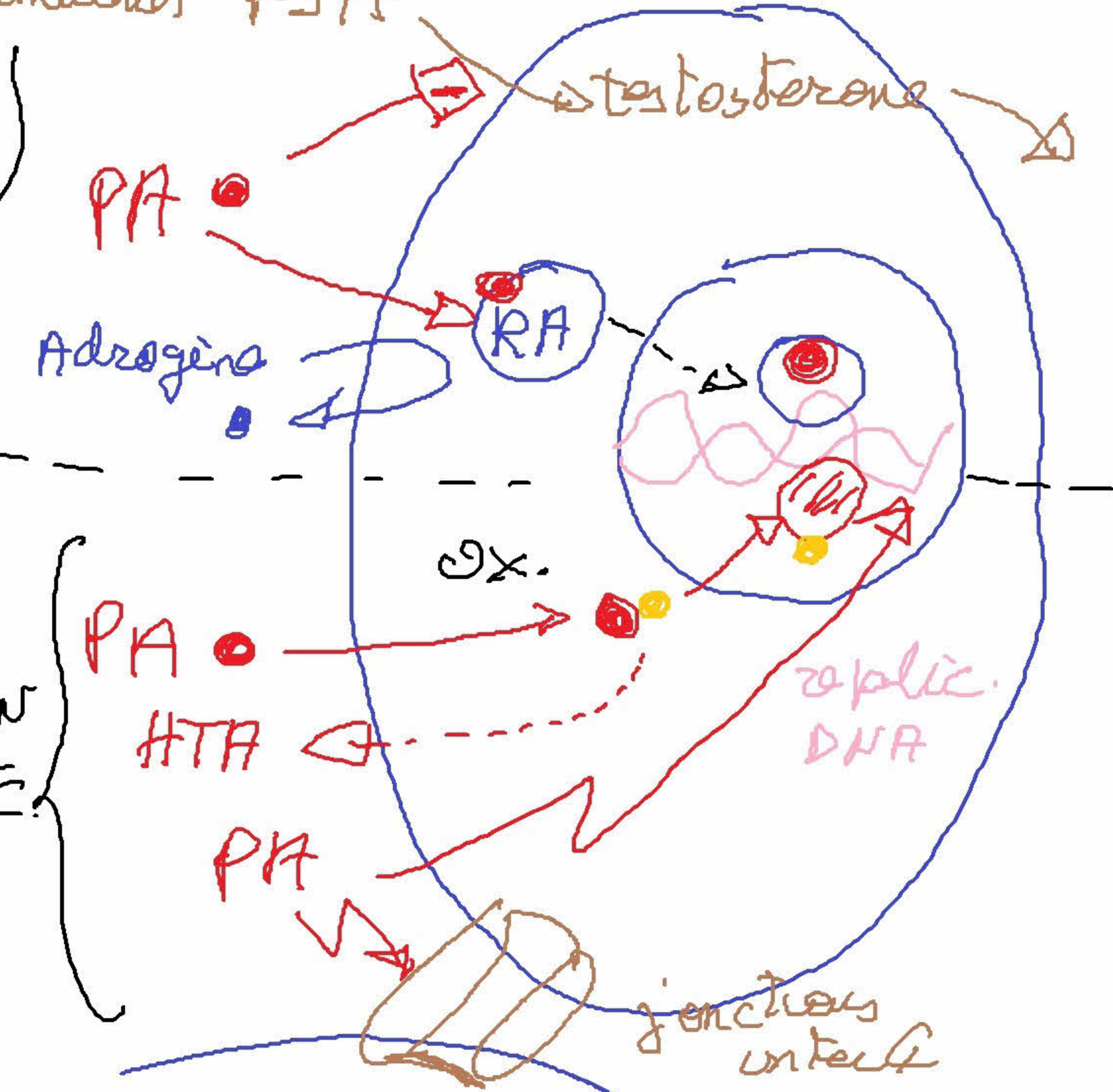
• Diabète

• HTA

• K_C
(pas chez l'Homme)

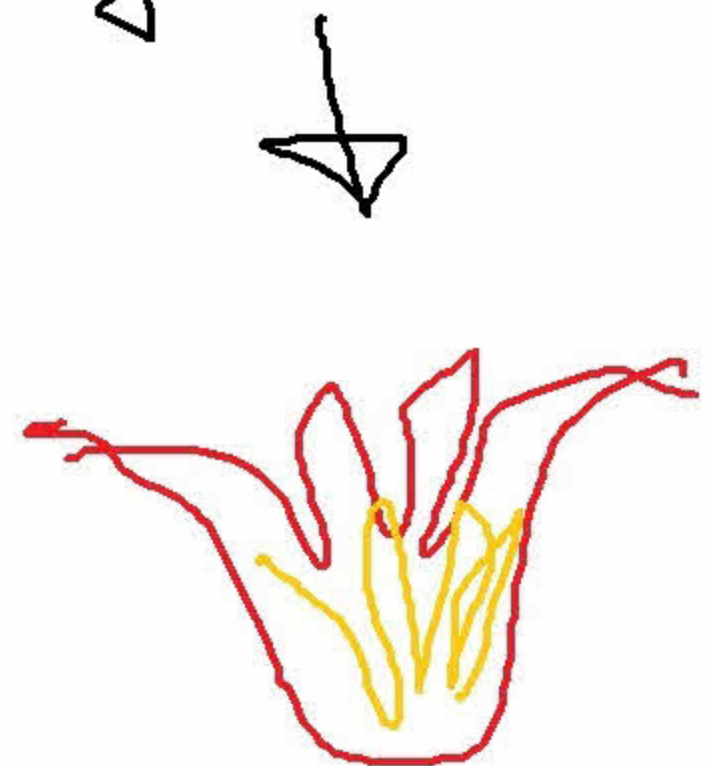
(stimulino) FS/T

Non P.E.

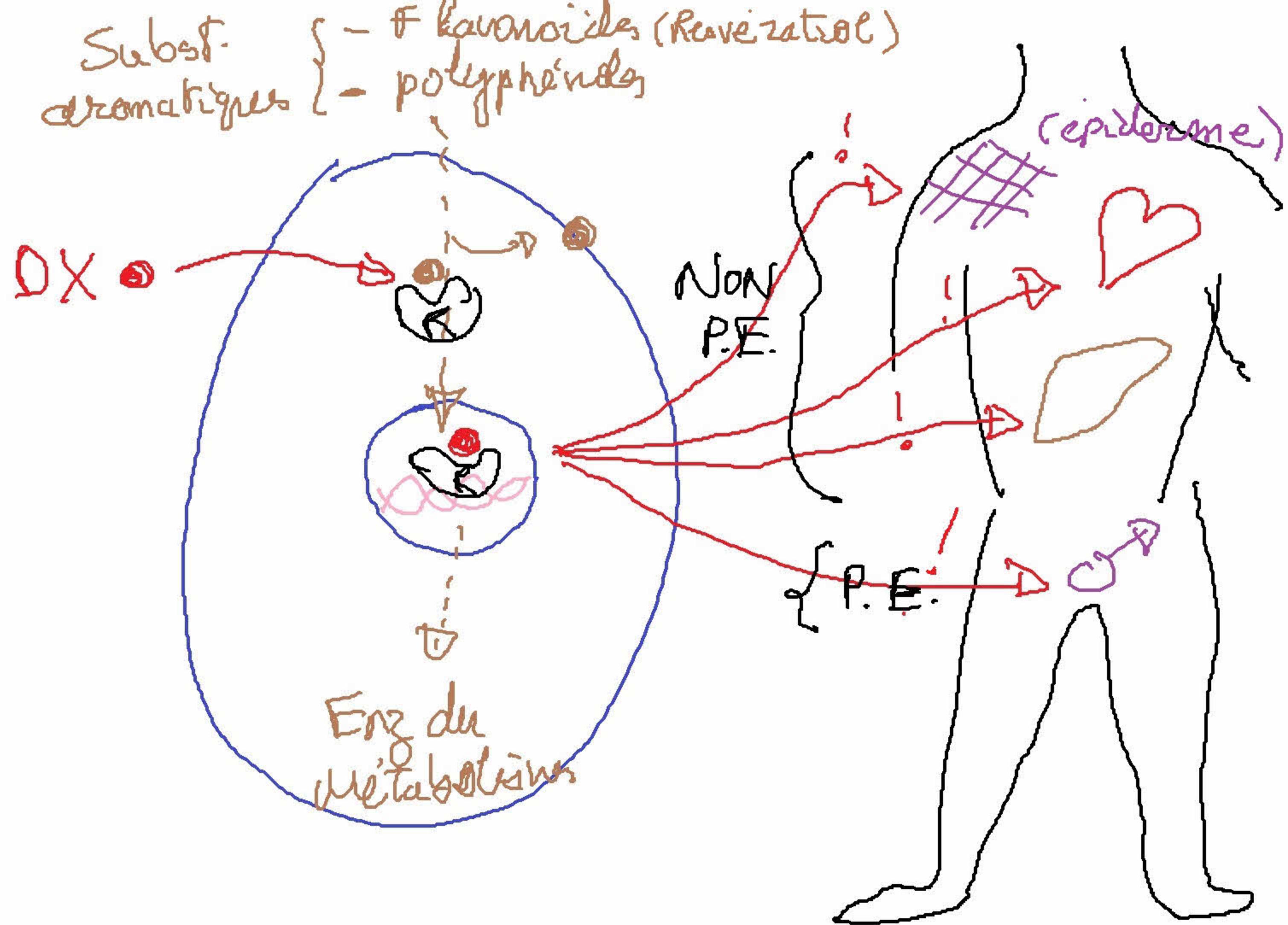


III - Dioxines (+200) (DX)

S. Organochlorés



Dioxine
(2 rx bénignes)



VII - Synthèse

① P.E.

- Stéroïdes : oestrog., testo., Aldost.
- ~~Protéiques~~ : libérines, stimulant...
- ~~Aminés~~ : adrénaline, histamine, Sérotonine...

②

Effets Non-P.E. \geq Effets P.E.