

LC14 : Molécules d'intérêt biologique

Mathieu Markovitch

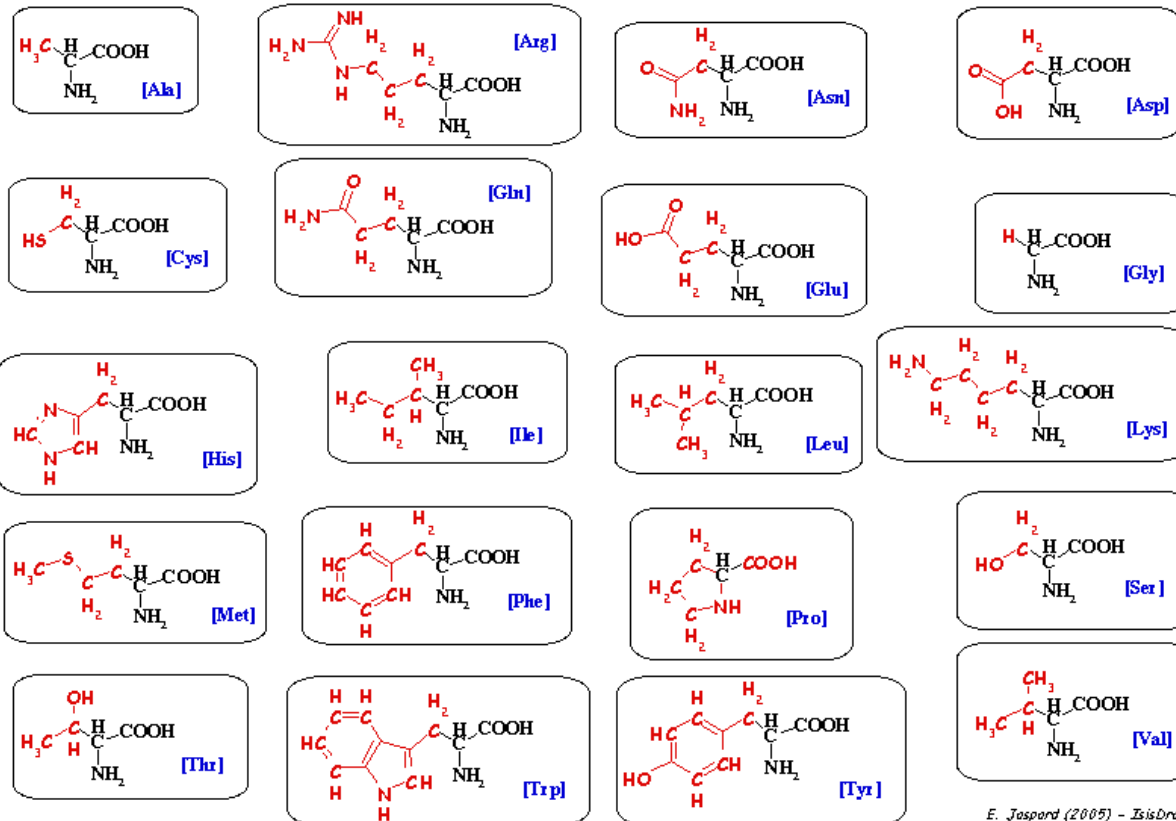
Molécules et corps humain



- Acides aminés
- Protéines
- Graisses

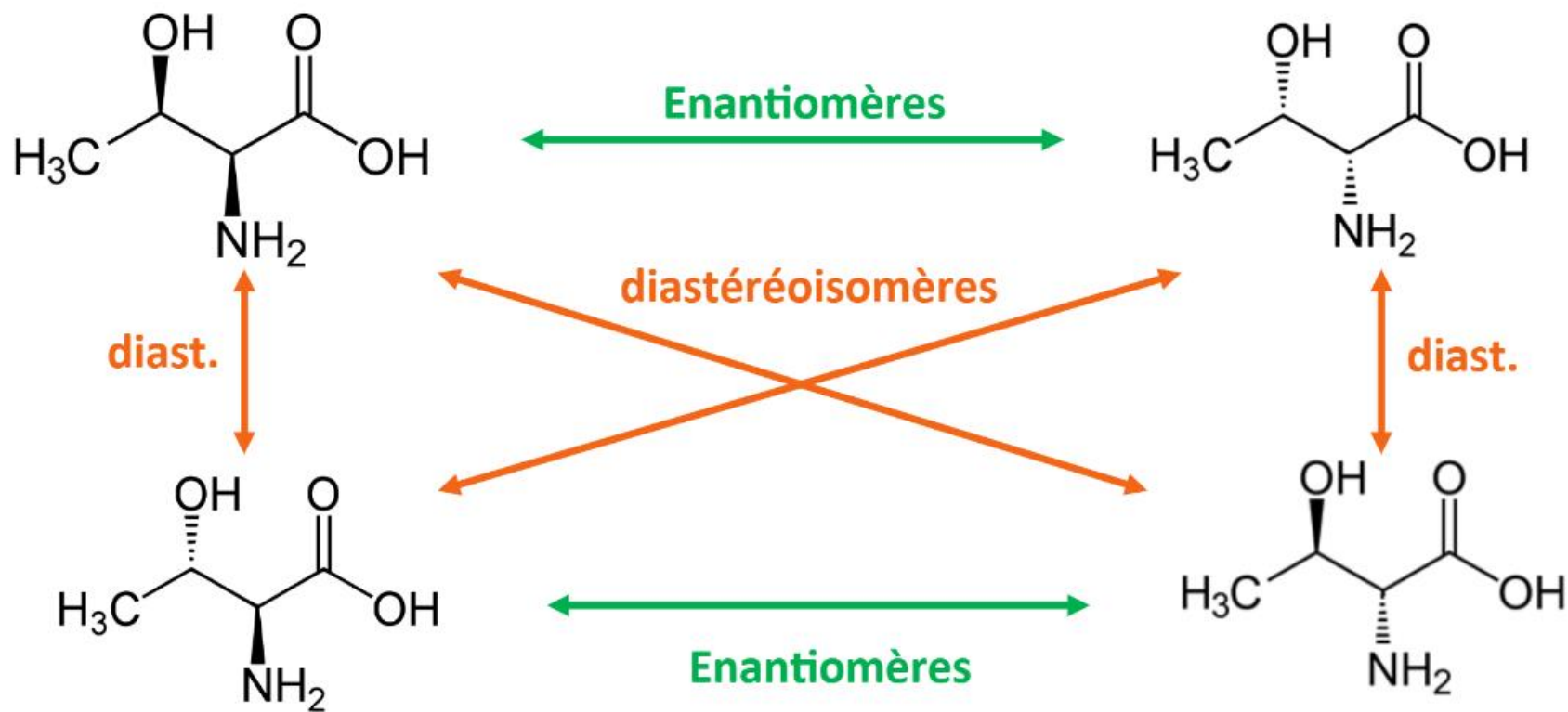
<https://www.france.tv/france-4/il-etait-une-fois-la-vie/saison-1/1388037-la-planete-cellule.html> (19.50)

Acides aminés

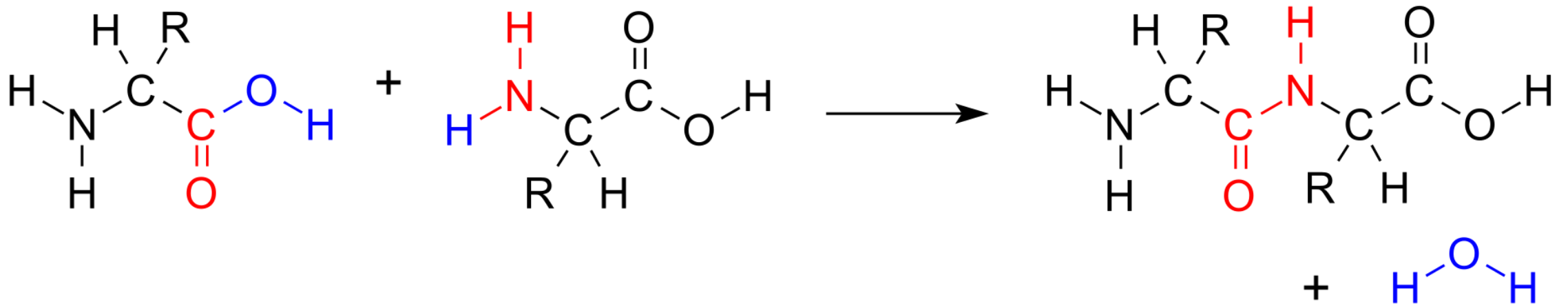


E. Jaspard (2005) - IsisDraw

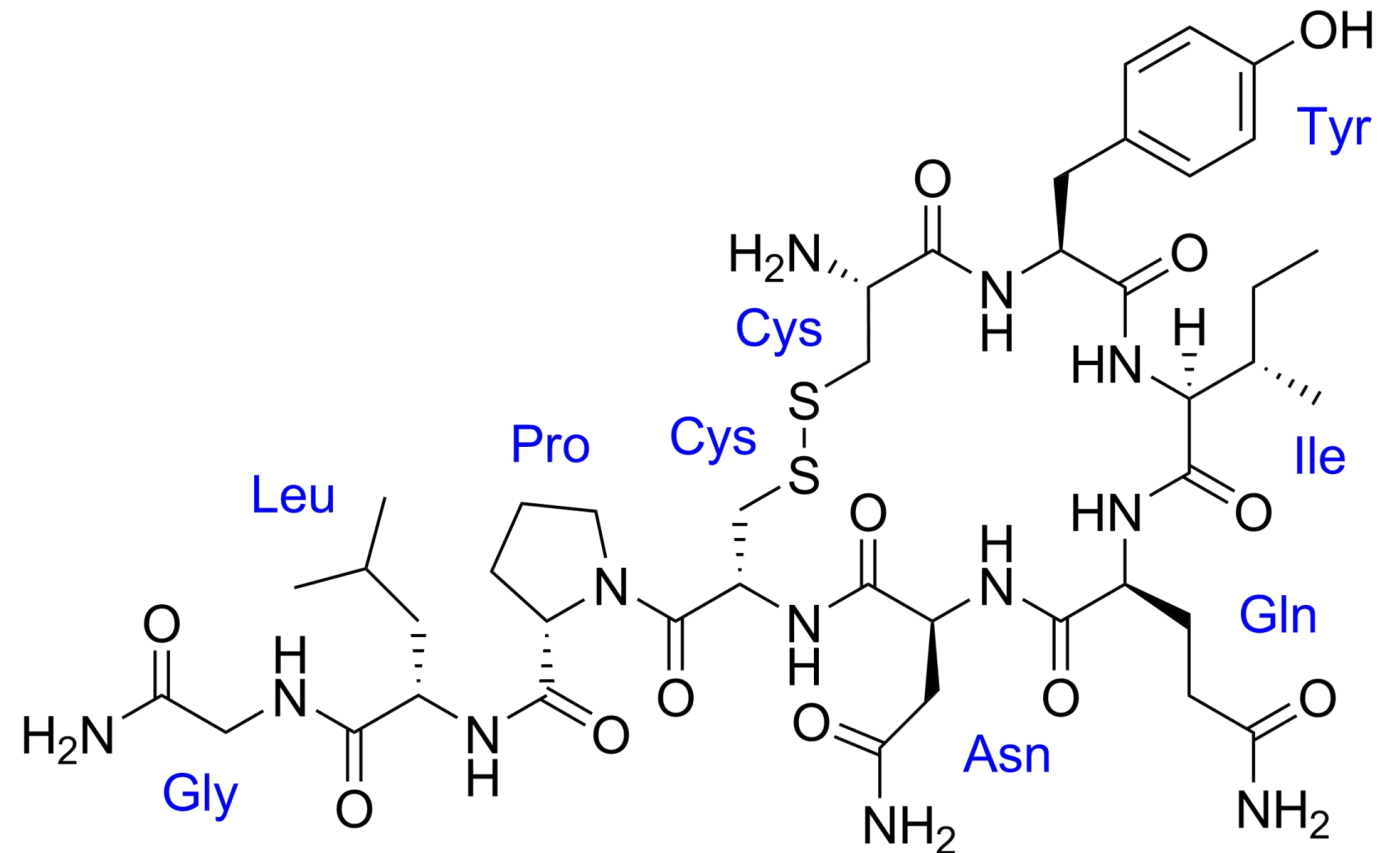
La thréonine



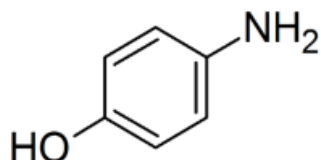
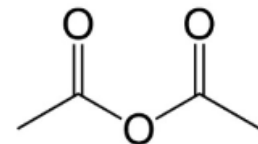
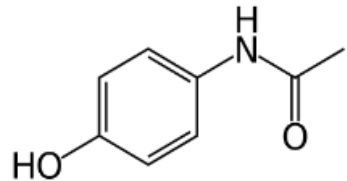
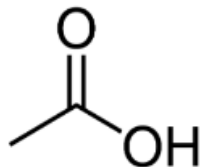




Liaison peptidique



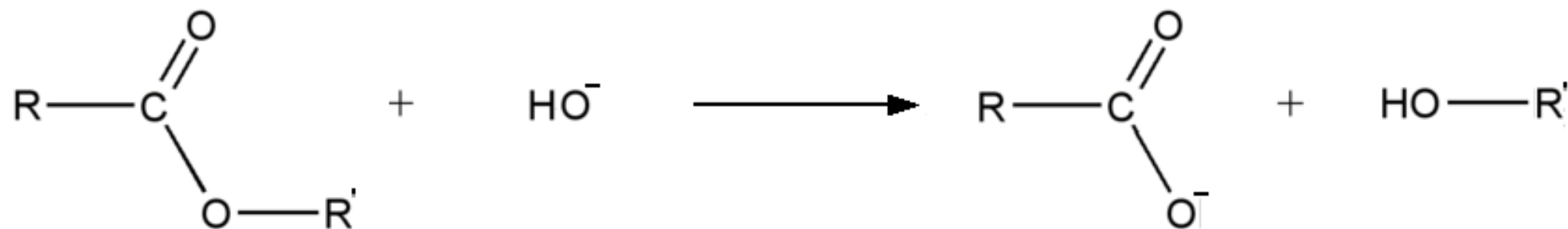
L'ocytocine



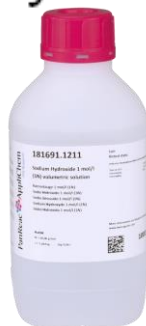
Synthèse du paracétamol

	<div style="display: flex; align-items: center; justify-content: center;"><div style="text-align: center; margin-right: 10px;"></div><div style="text-align: center; margin-right: 10px;">+</div><div style="text-align: center; margin-right: 10px;">$\xrightarrow[15\text{min} \mid 80^\circ\text{C}]{50\text{ mL H}_2\text{O}}$ (5mL acide éthanoïque goutte à goutte)</div><div style="text-align: center; margin-right: 10px;"></div><div style="text-align: center; margin-right: 10px;">+</div><div style="text-align: center;"></div></div>			
4-aminophénol	+	Anhydride acétique	Paracétamol	+ Acide acétique
5,50 g $5,04 \cdot 10^{-2}$ mol		$\approx 7,0$ mL $7,4 \cdot 10^{-2}$ mol		
	<div style="display: flex; align-items: center; justify-content: space-around;"><div></div><div></div><div></div></div>			

Saponification

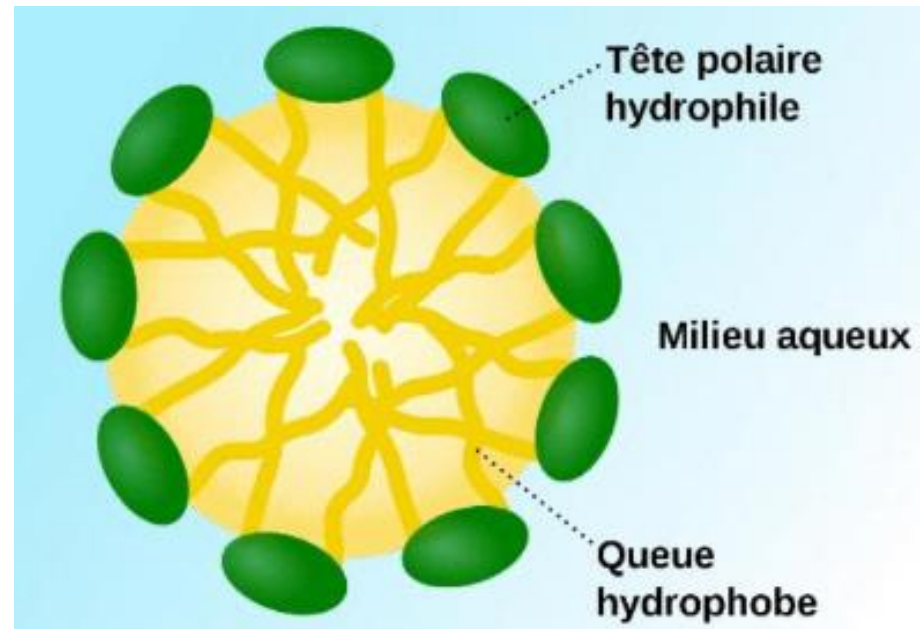


ion hydroxyde



Alcool

Principe du savon



Le paracétamol



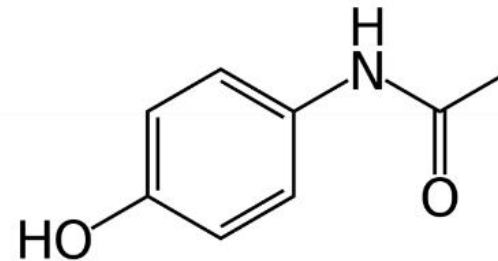
6. CONTENU DE L'EMBALLAGE ET AUTRES INFORMATIONS

Ce que contient DOLIPRANETABS 1000 mg, comprimé pelliculé

La substance active est :

Paracétamol..... 1000,00 mg

Les autres composants sont : amidon de maïs pré-gélatinisé, hydroxypropylcellulose, talc, stéarate de magnésium, opadry (alcool polyvinylique, macrogol 3350, talc).



Pour un comprimé pelliculé.

Identification du paracétamol

