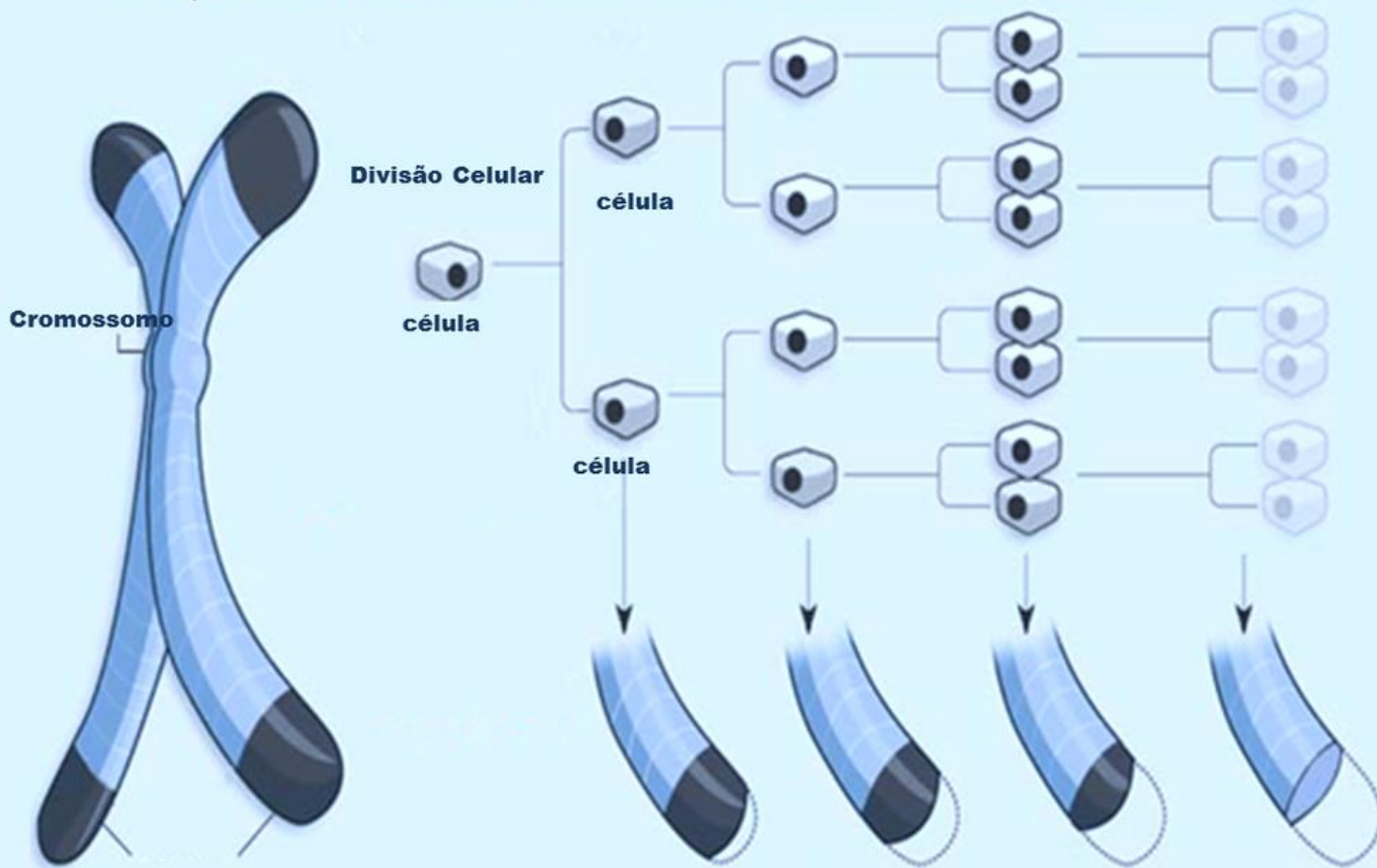


Disponível em: <<http://www.biomol.org>>. Acesso em: 25 jul. 2014 (adaptado)



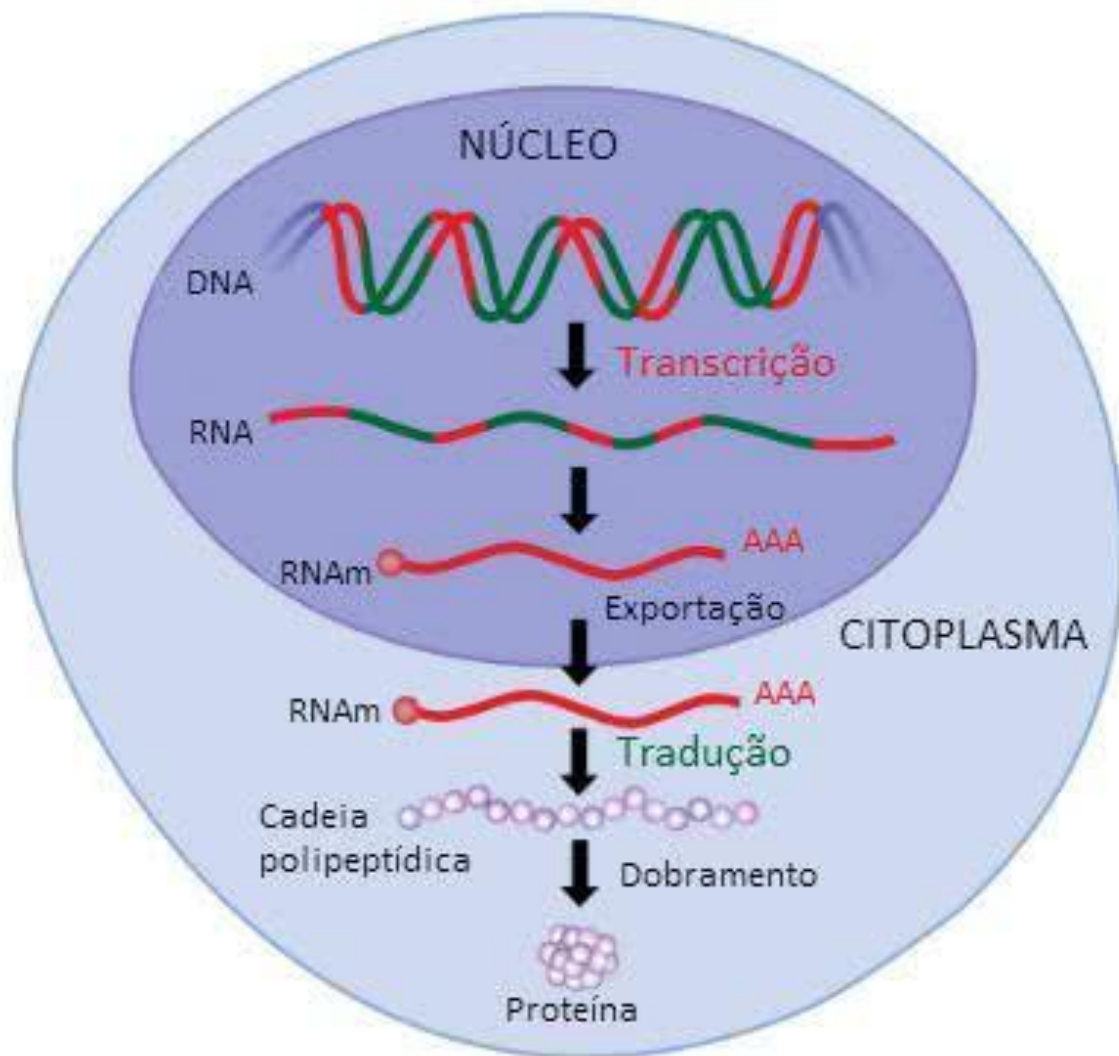


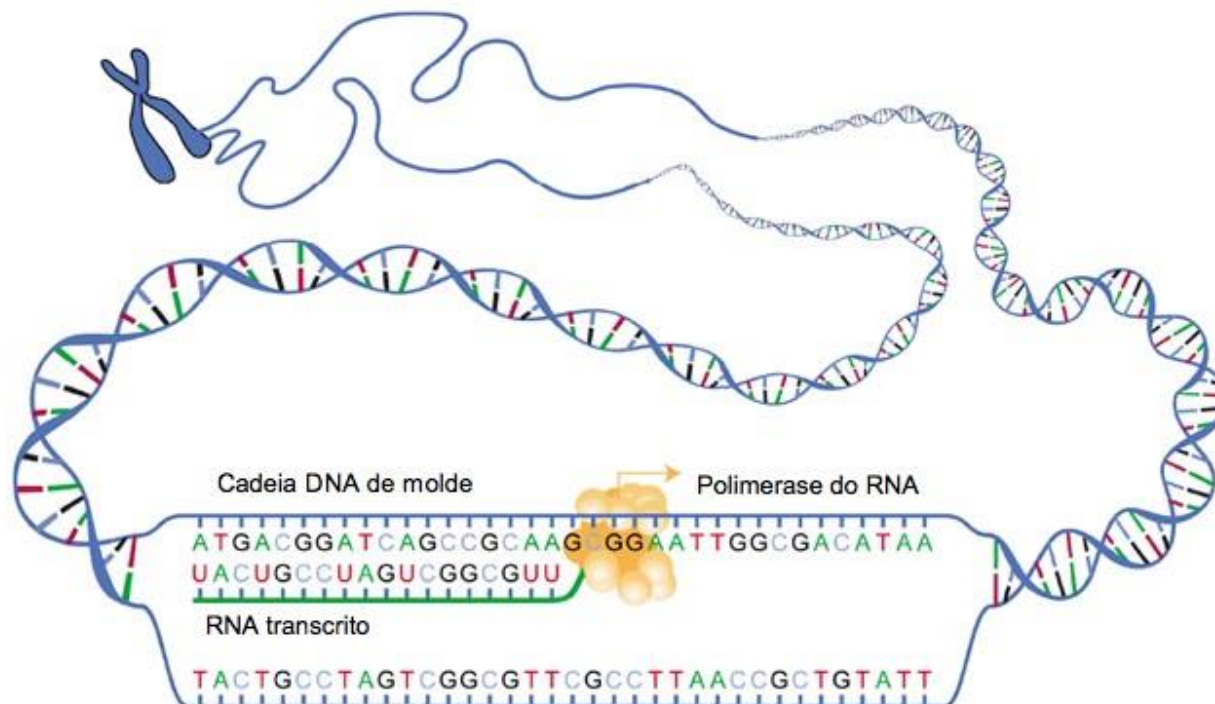
O Que Perdemos Com o Passar Dos Anos



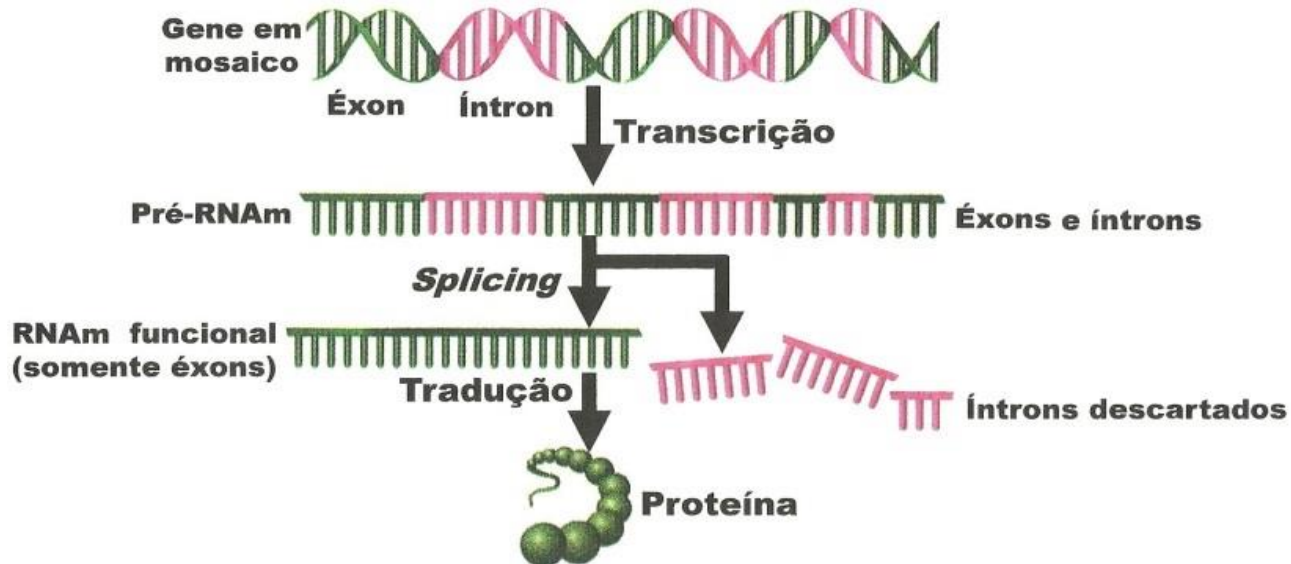
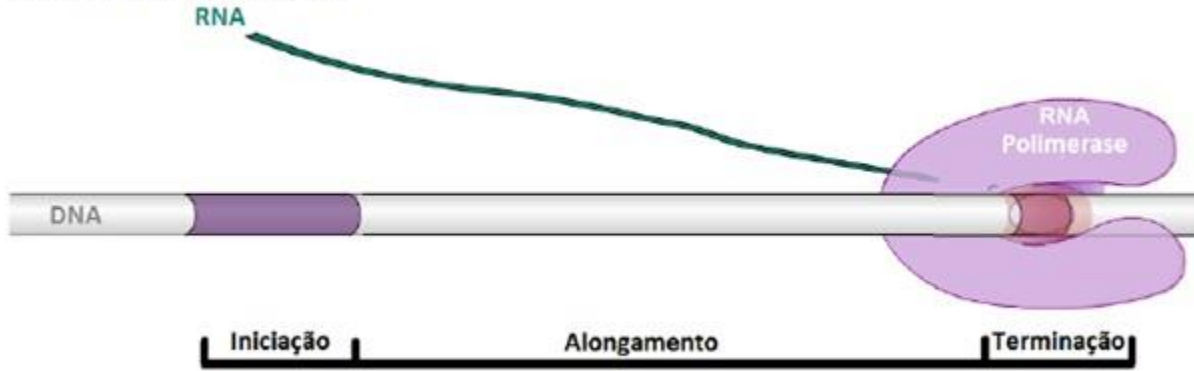
Os telômeros vão diminuindo e eventualmente a divisão para...

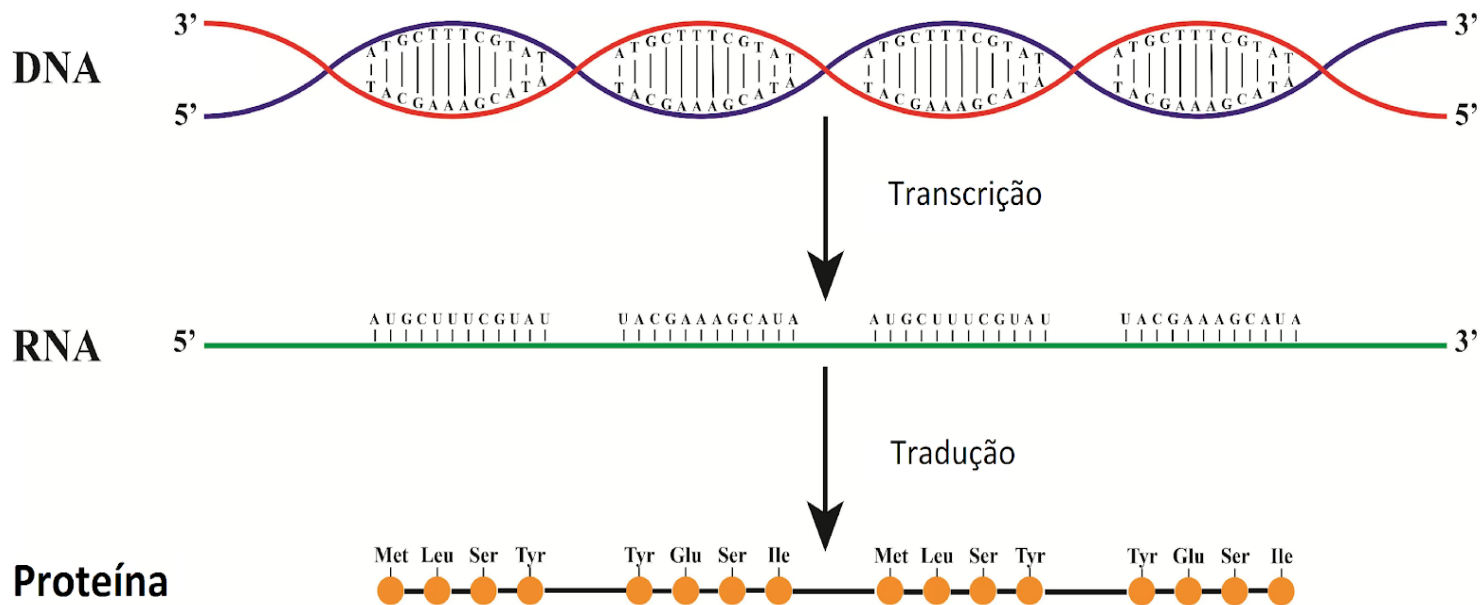


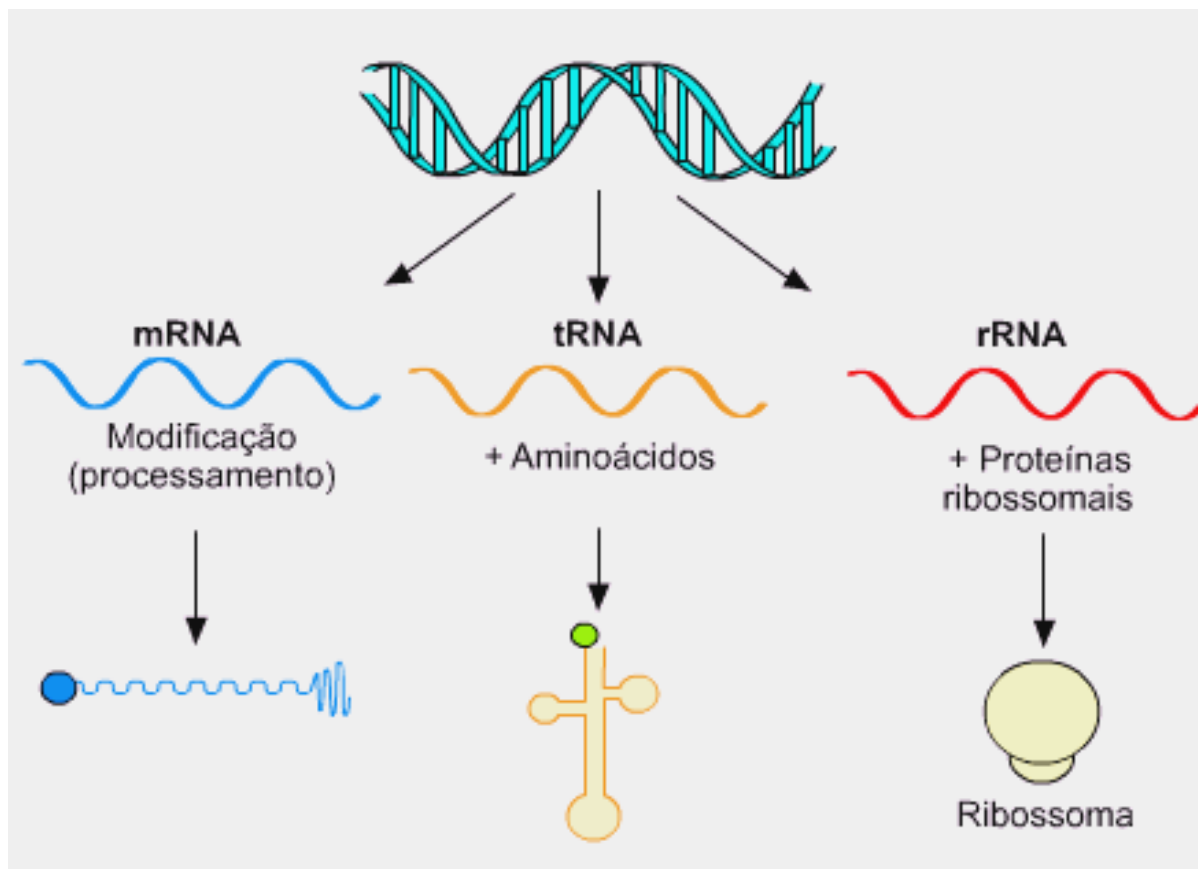


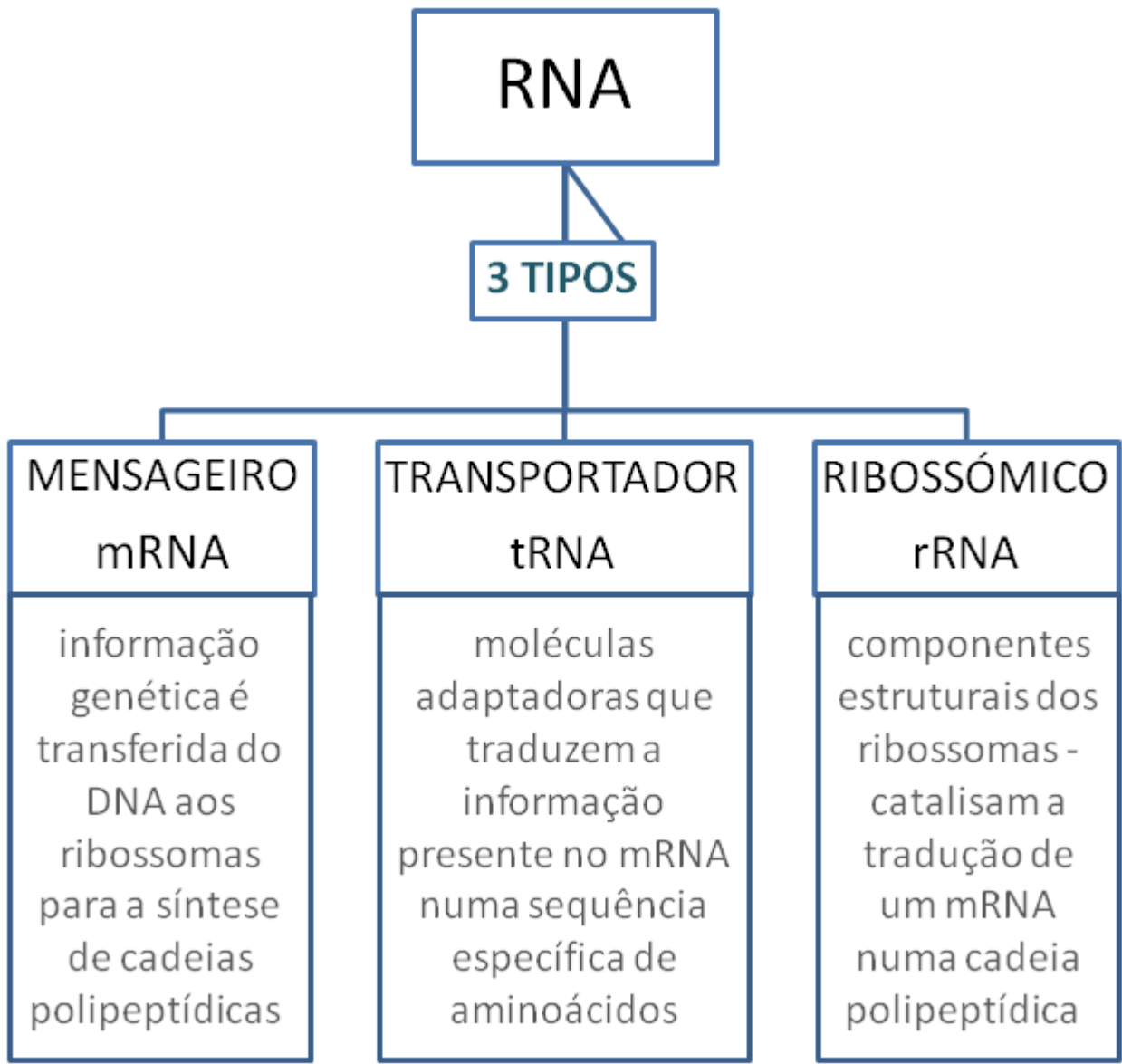


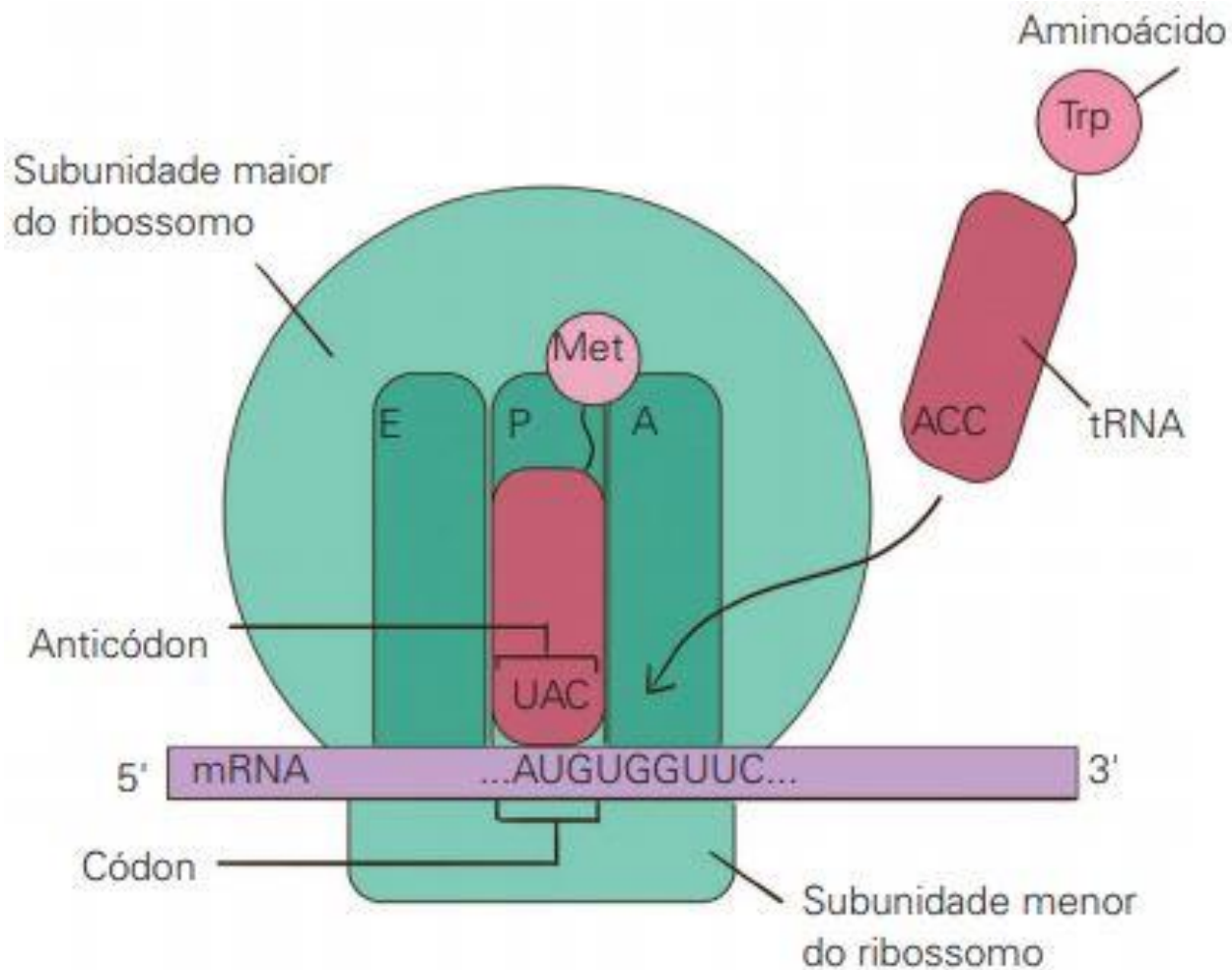
CICLO DE TRANSCRIÇÃO

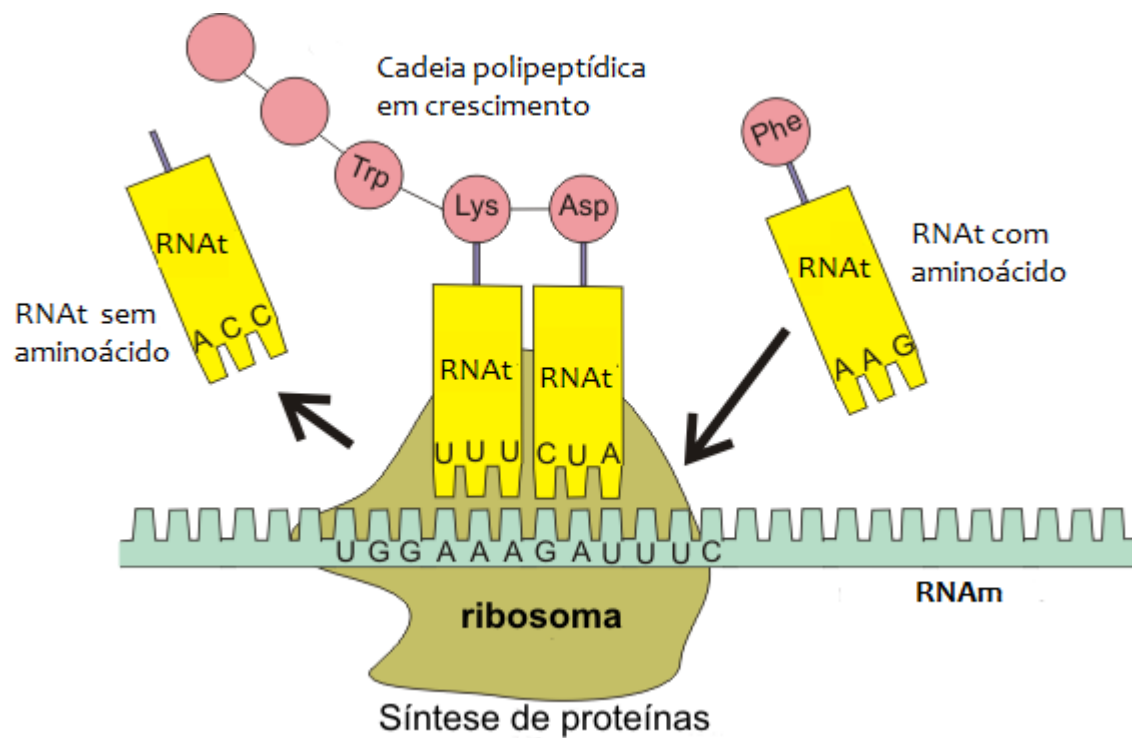


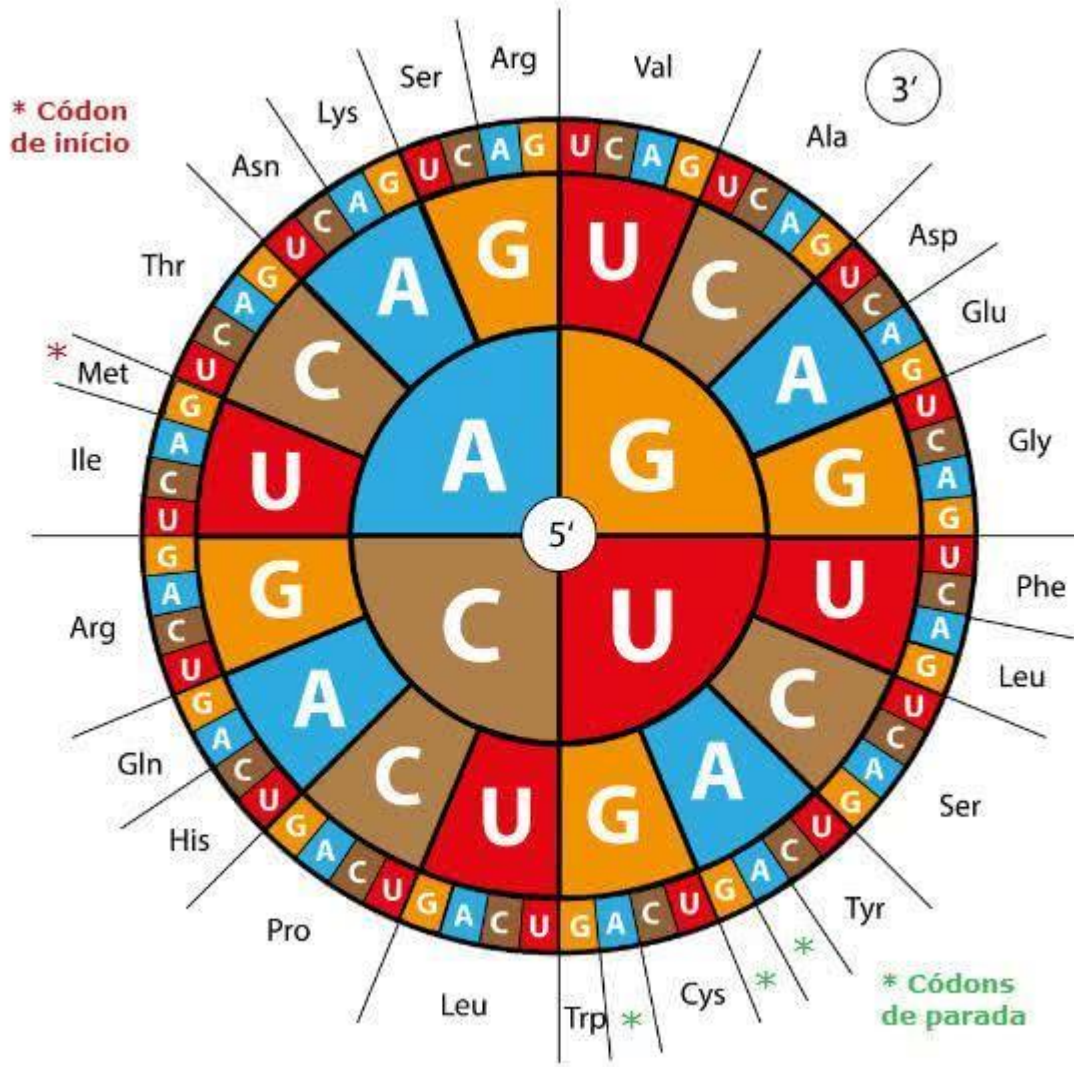








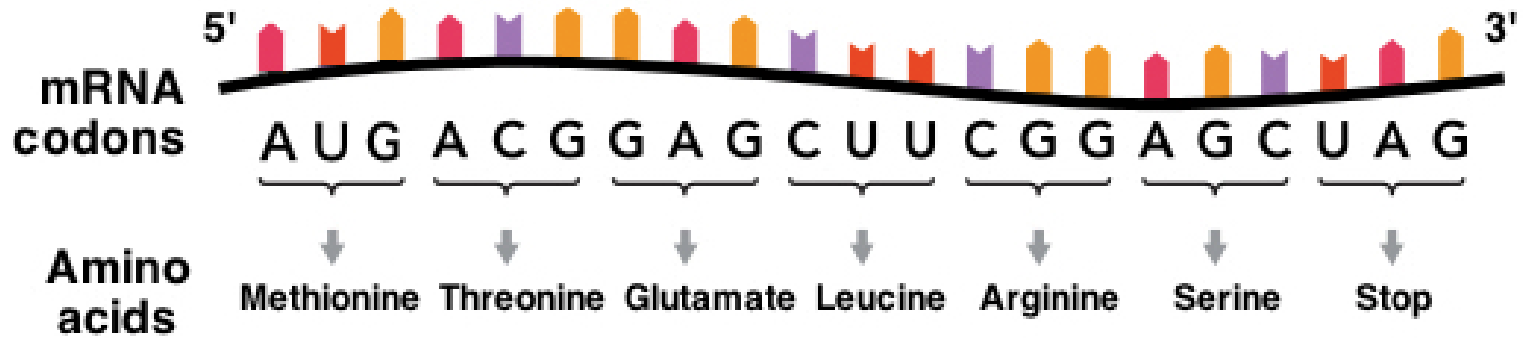


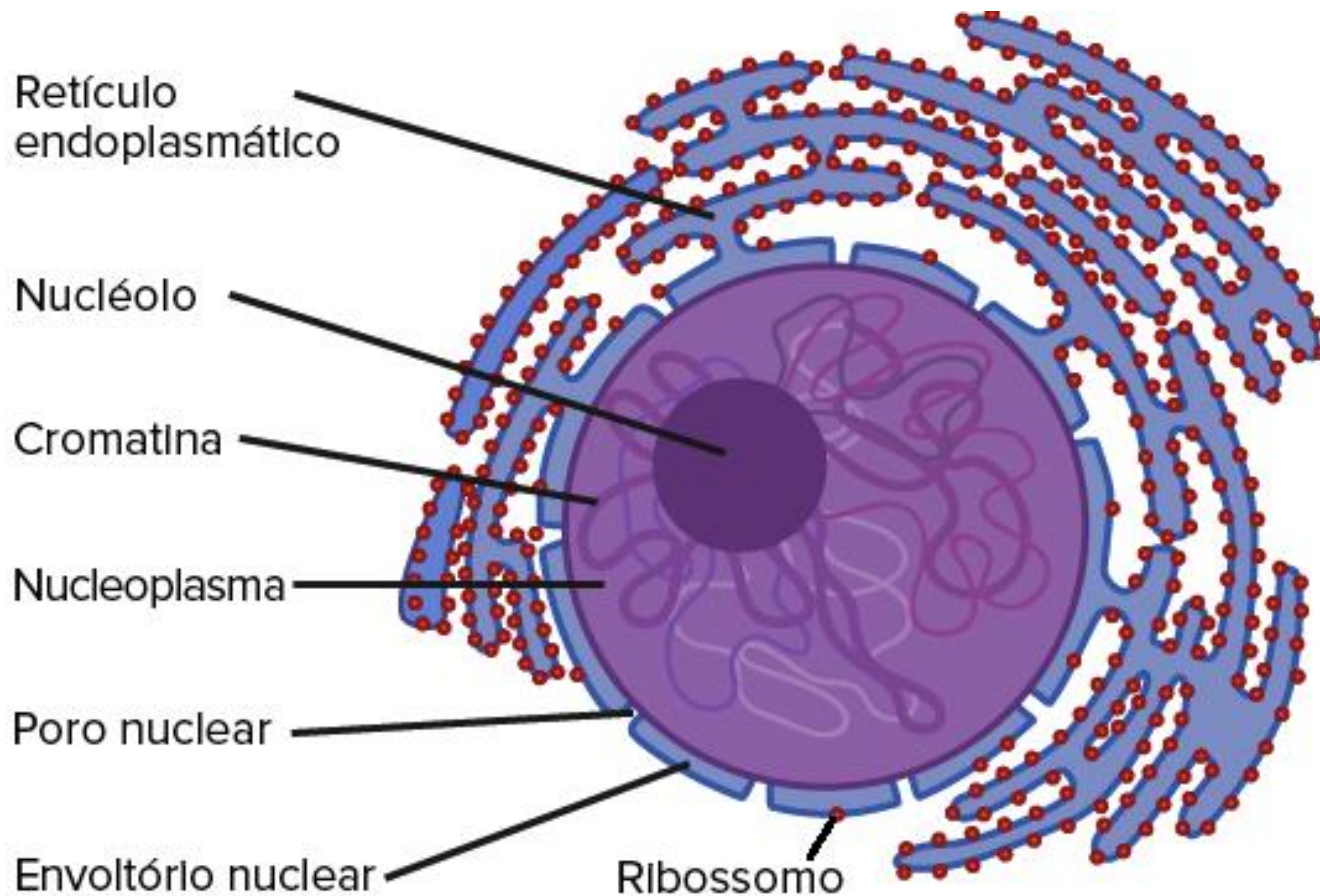


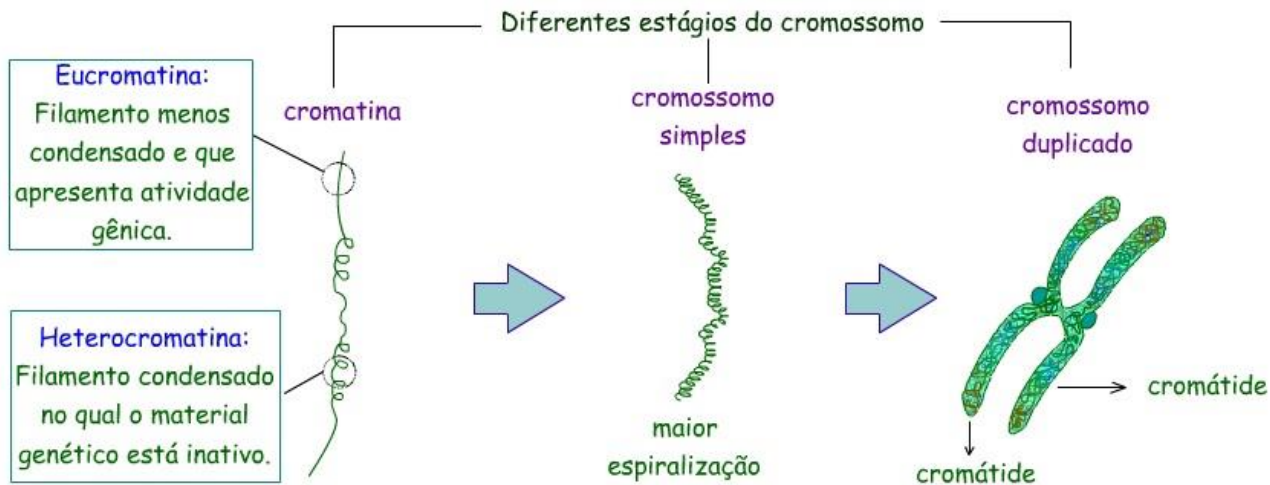
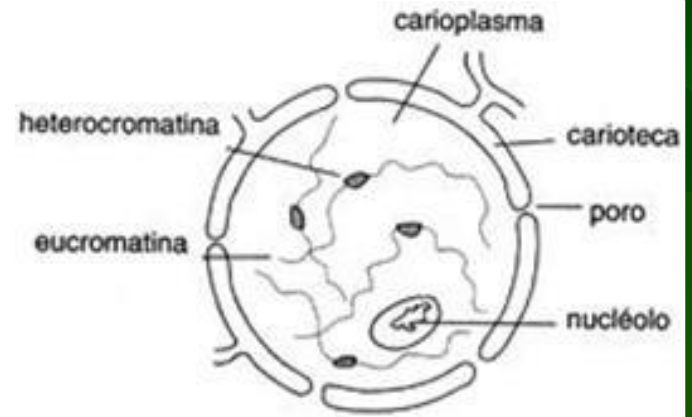
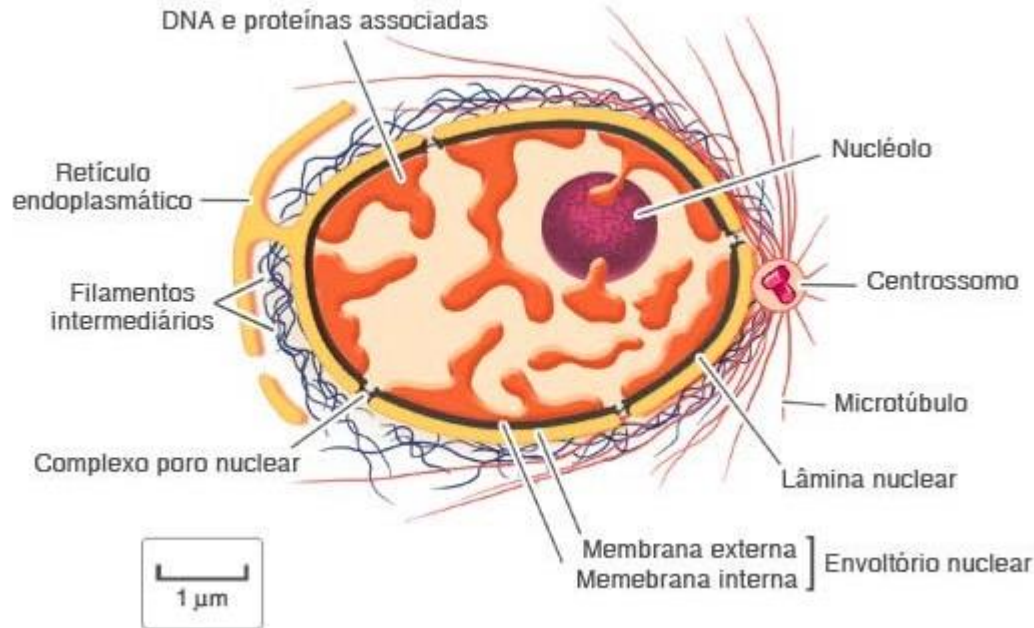


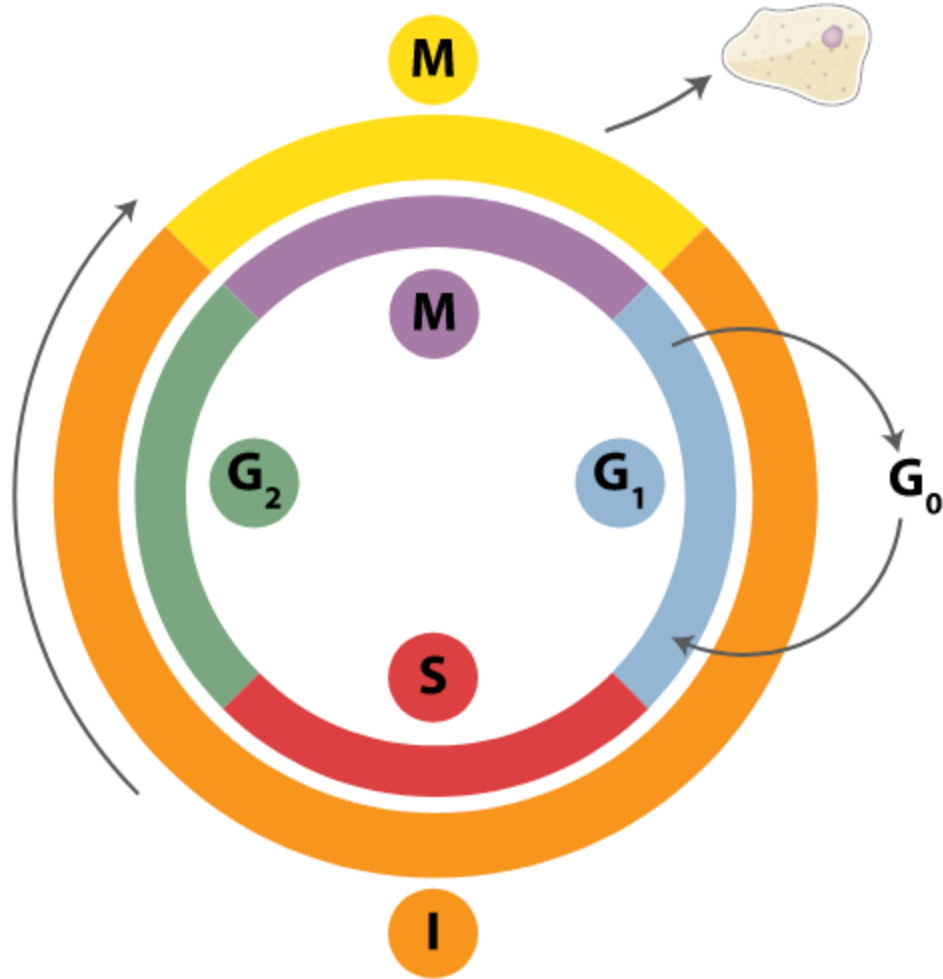
		Second letter					
		U	C	A	G		
First letter	U	UUU } Phe UUC } UUA } Leu UUG }	UCU } UCC } Ser UCA } UCG }	UAU } Tyr UAC } UAA Stop UAG Stop	UGU } Cys UGC } UGA Stop UGG Trp	U C A G	
	C	CUU } CUC } Leu CUA } CUG }	CCU } CCC } Pro CCA } CCG }	CAU } His CAC } CAA } Gln CAG }	CGU } CGC } Arg CGA } CGG }	U C A G	
	A	AUU } AUC } Ile AUA } AUG Met	ACU } ACC } Thr ACA } ACG }	AAU } Asn AAC } AAA } Lys AAG }	AGU } Ser AGC } AGA } Arg AGG }	U C A G	
	G	GUU } GUC } Val GUA } GUG }	GCU } GCC } Ala GCA } GCG }	GAU } Asp GAC } GAA } Glu GAG }	GGU } GGC } Gly GGA } GGG }	U C A G	
						Third letter	





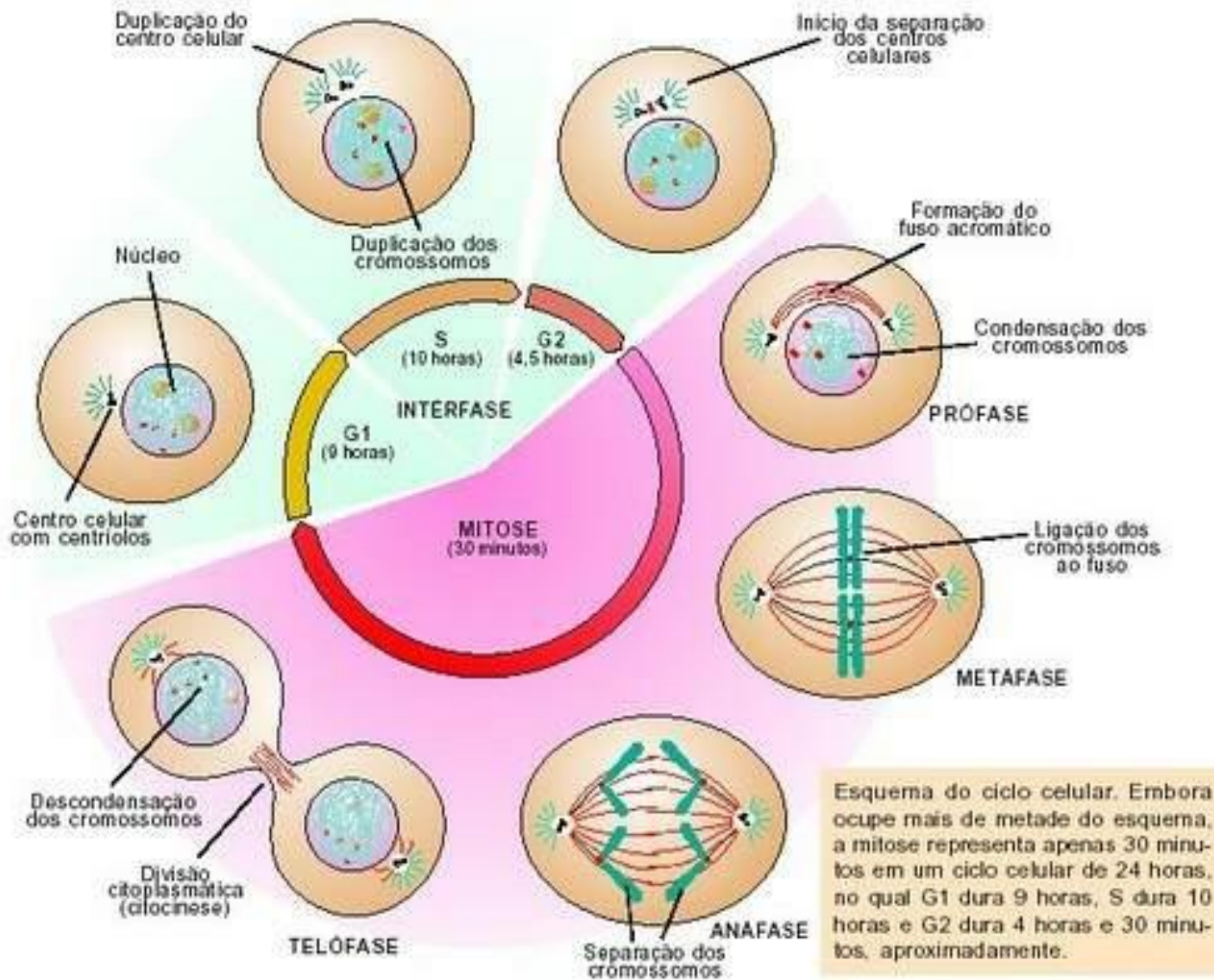






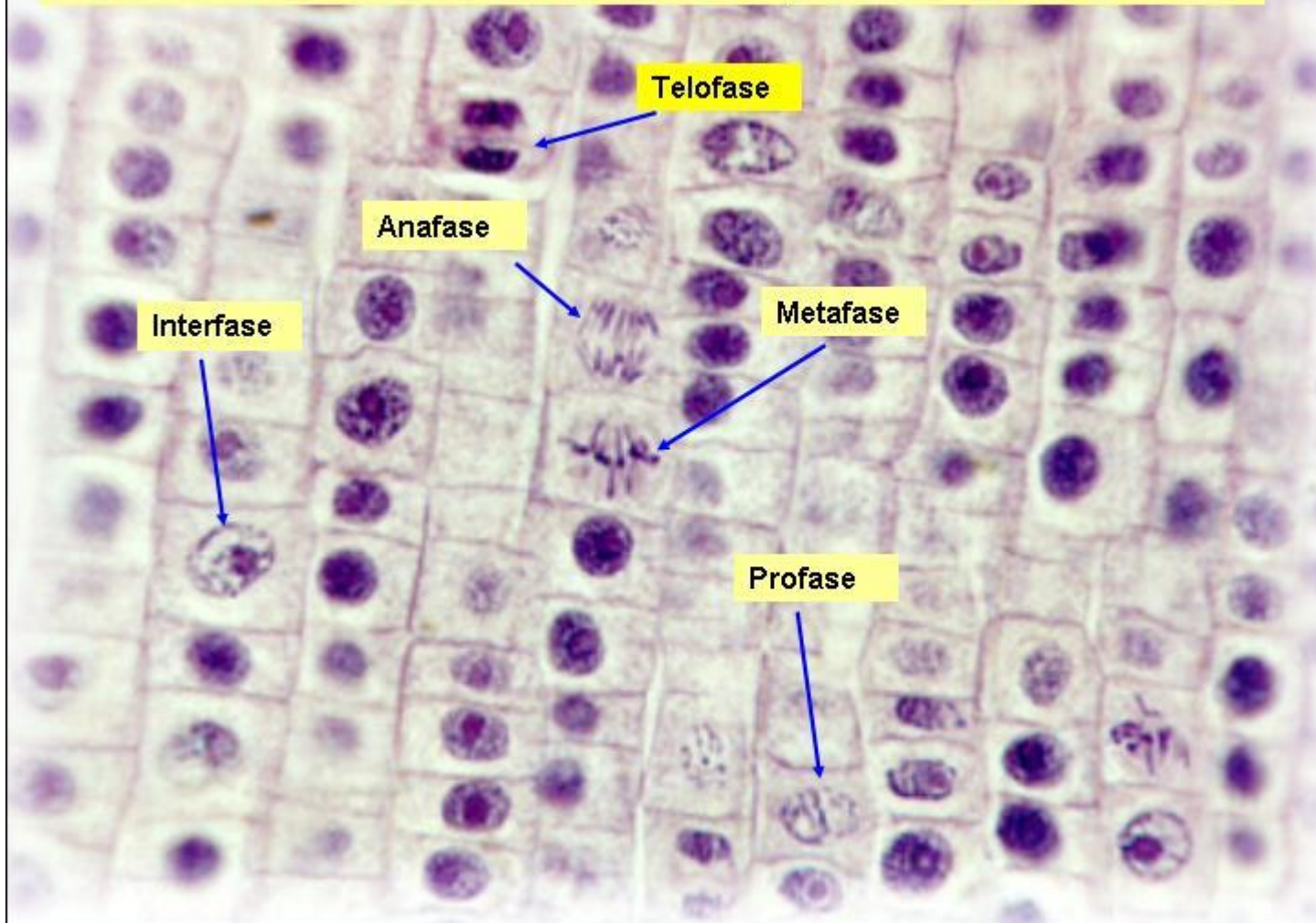
A sua trajetória em Biológicas começa Aqui!





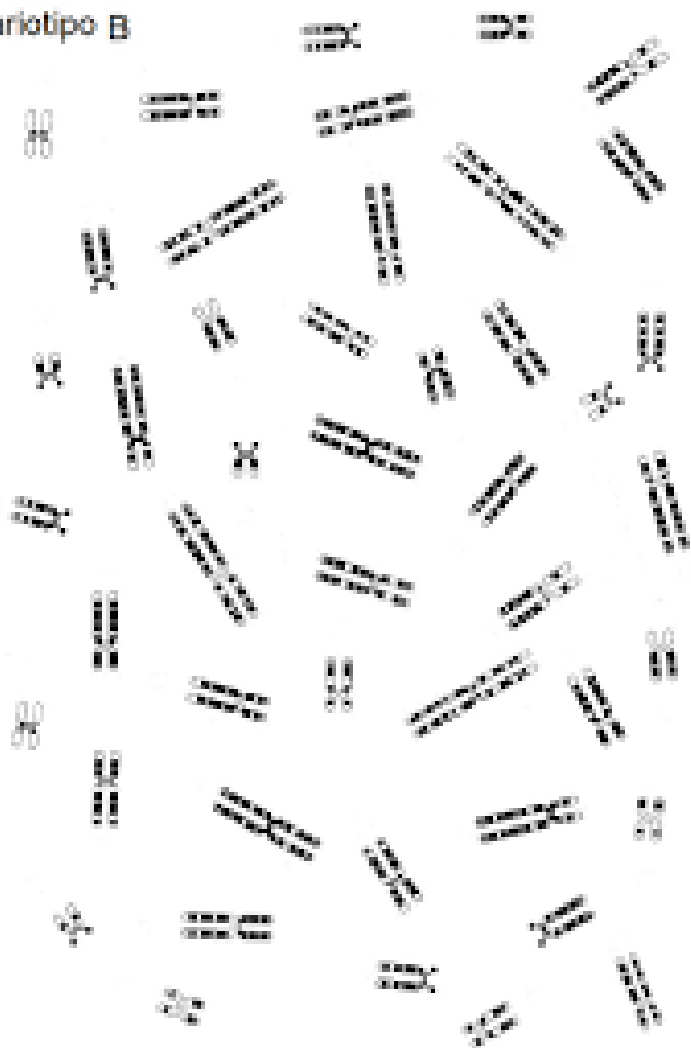


Células em diversos estágios de divisão no ápice da raiz de cebola.



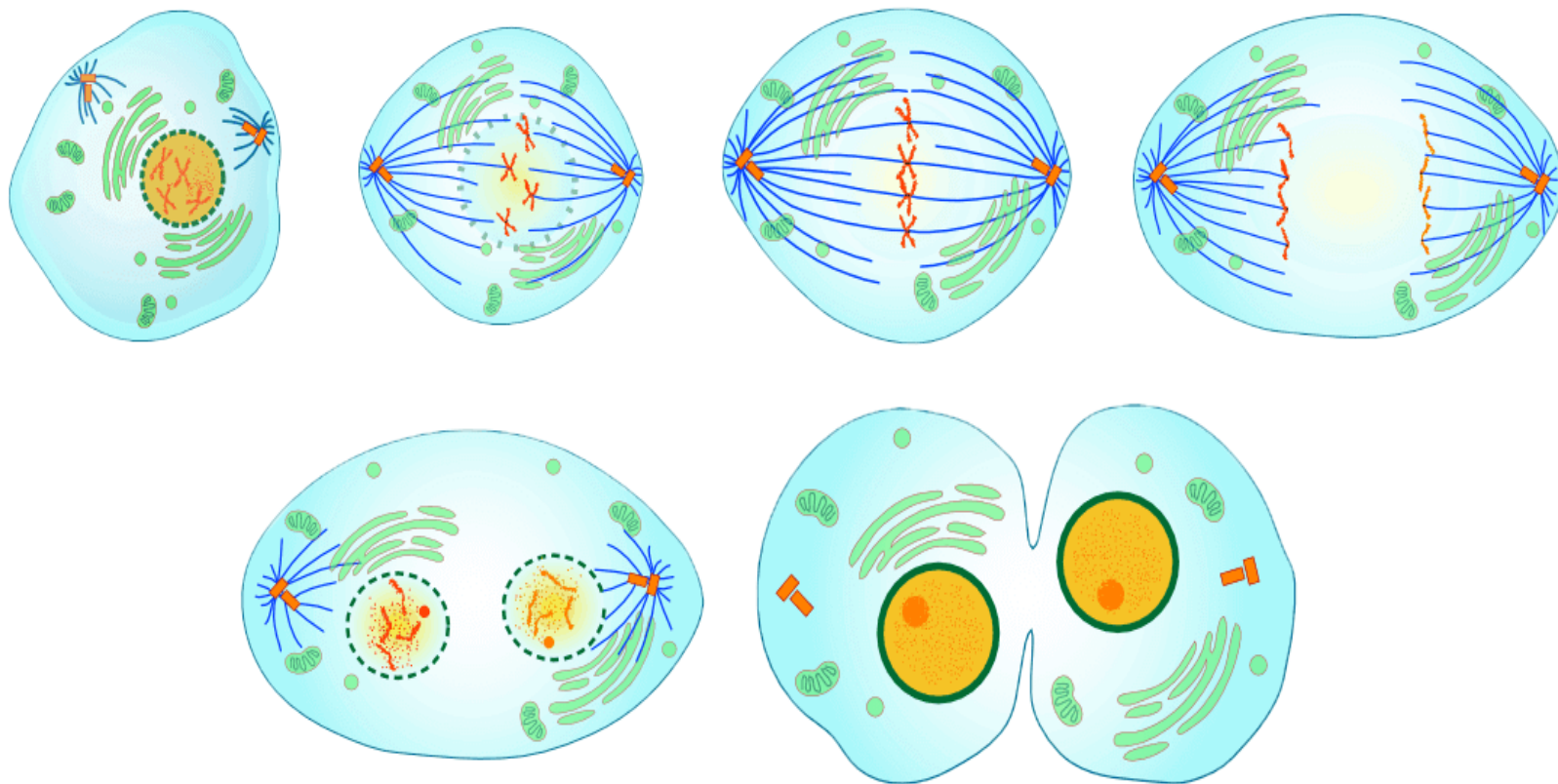


cariótipo B



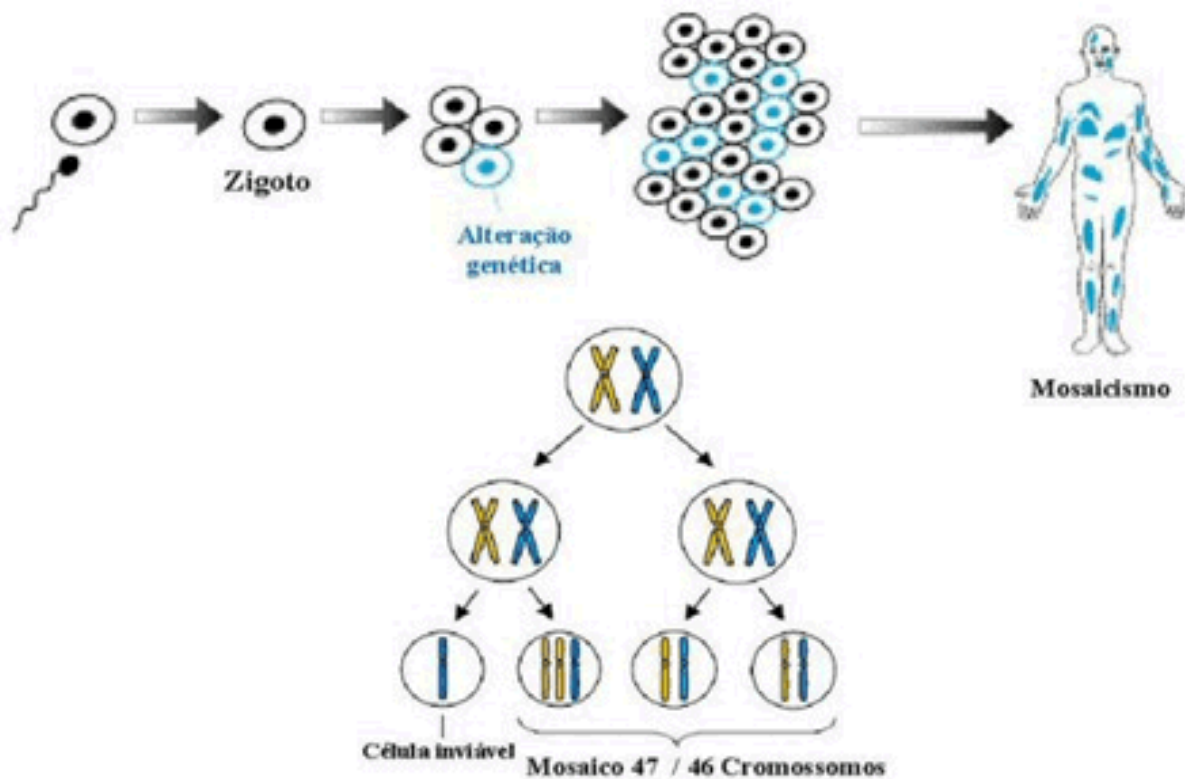
A sua trajetória em Biológicas começa Aqui!

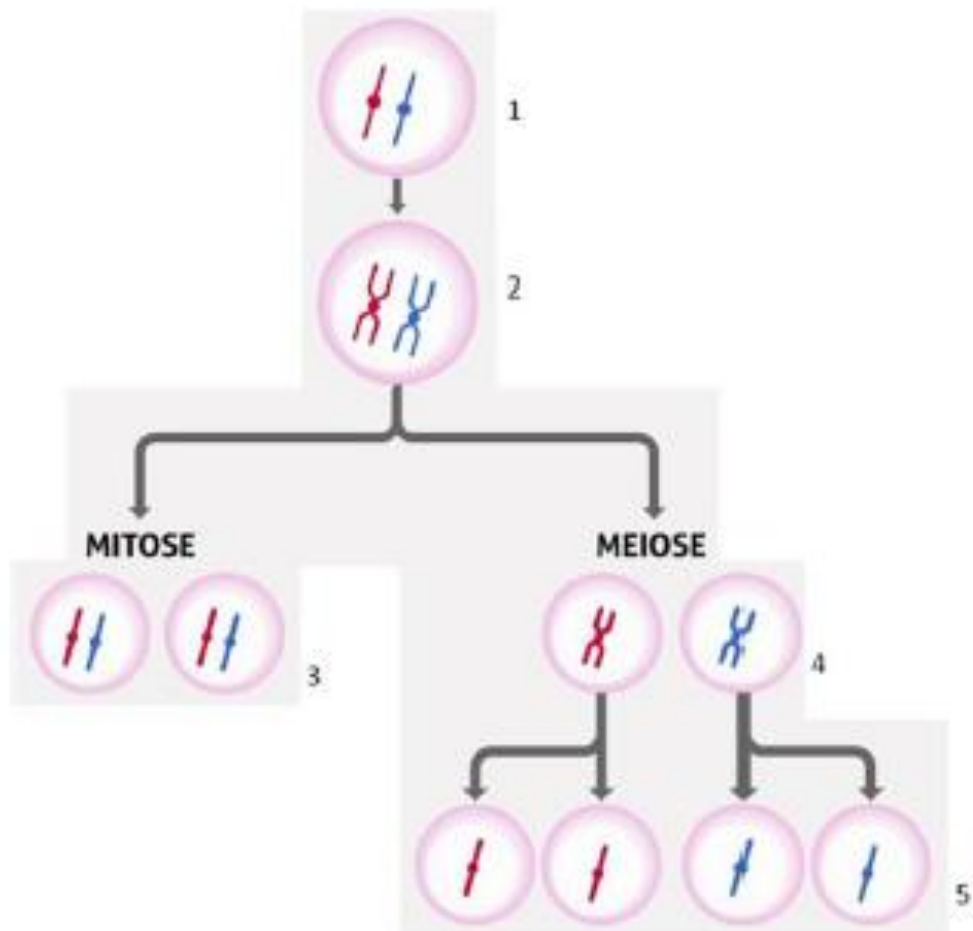




A sua trajetória em Biológicas começa Aqui!





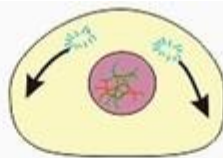
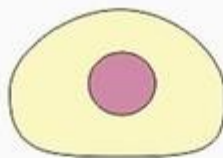


<http://www.euquerobiologia.com.br/2014/04/divisao-celular-mitose-e-meiose.html> (ADAPTAÇÃO)



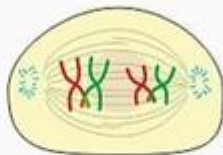
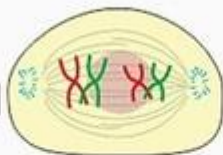


Início da Prófase I



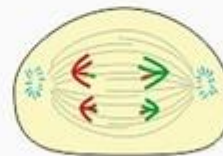
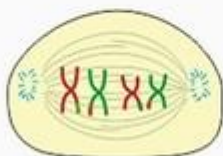
Metade da Prófase I

Metade da Prófase I



Final da Prófase I

Metáfase I



Anáfase I



Telófase I



Meiose I

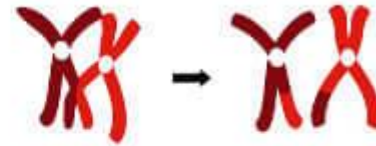
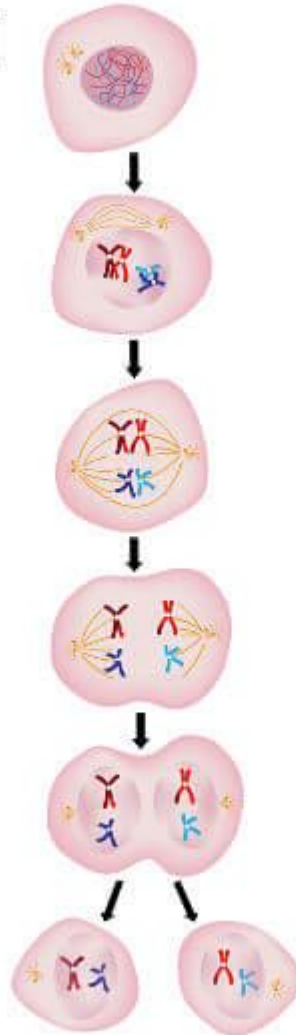
Prófase I

Metáfase I

Anáfase I

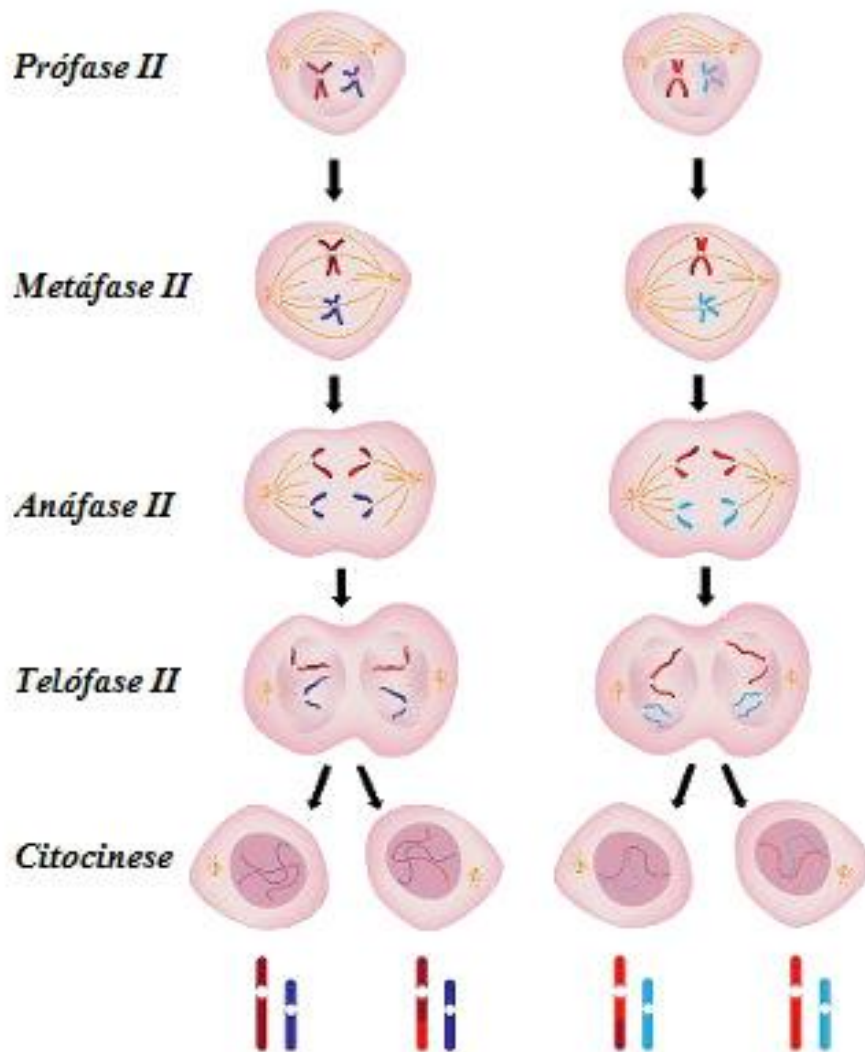
Telófase I

Citocinese

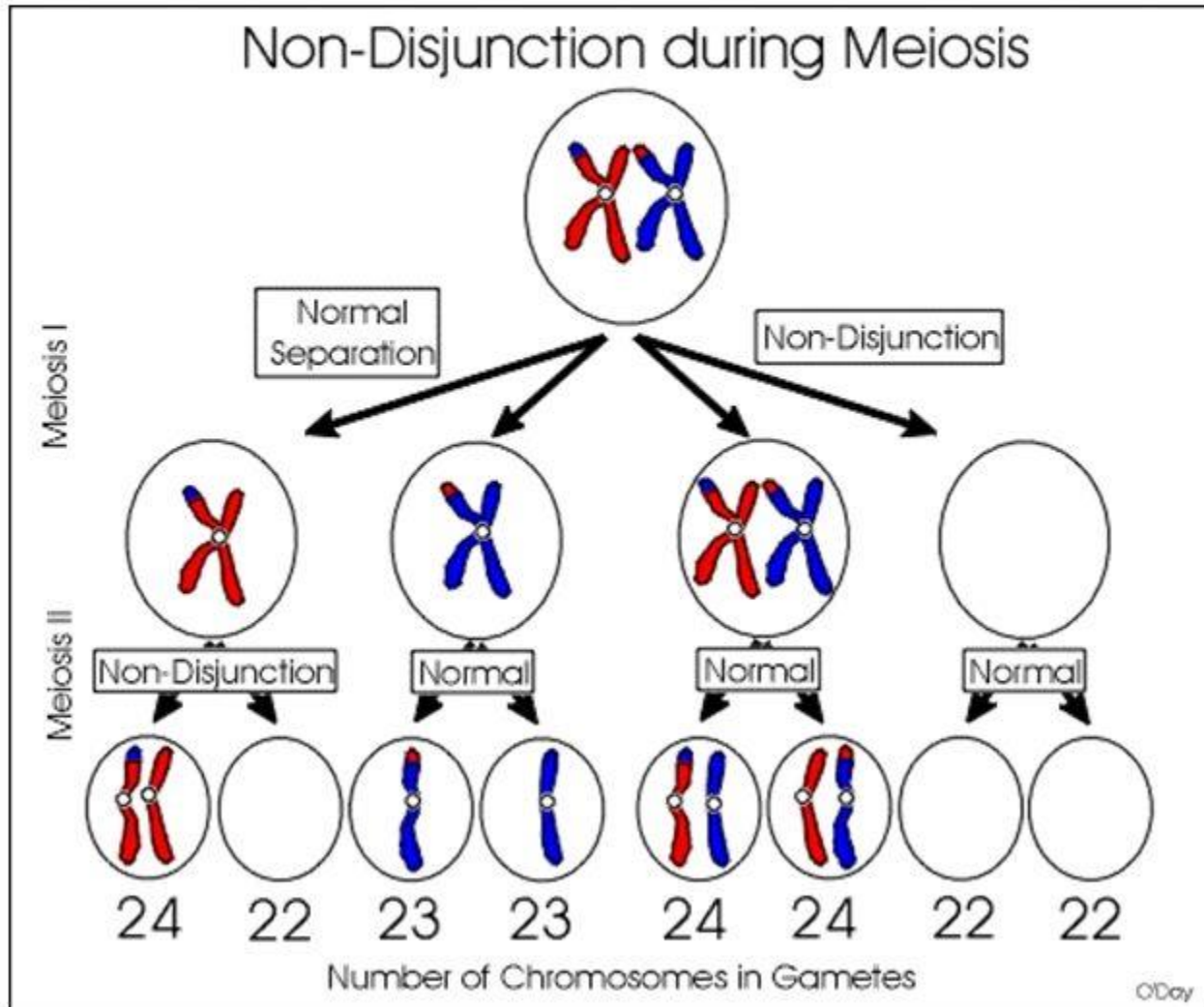


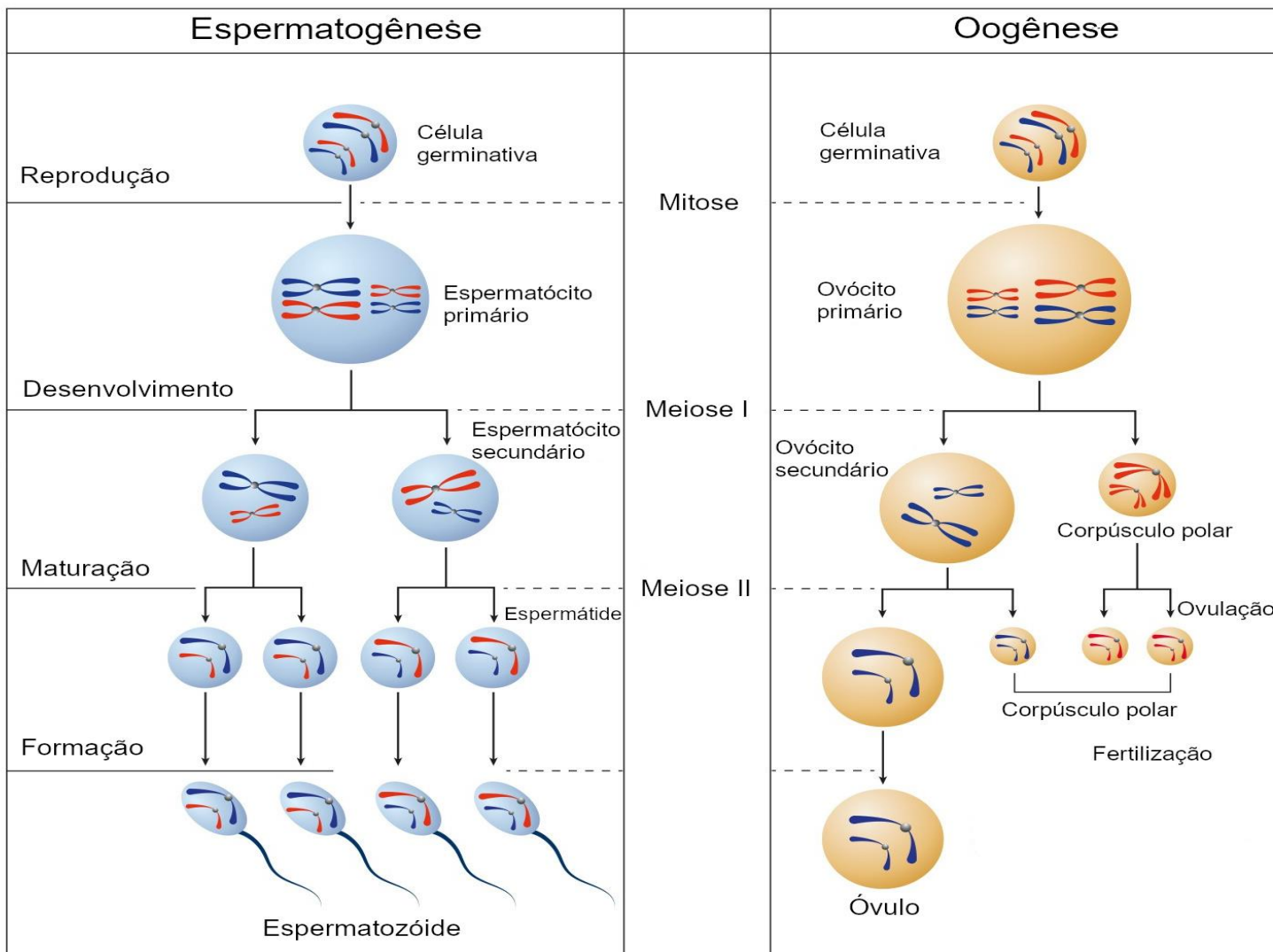


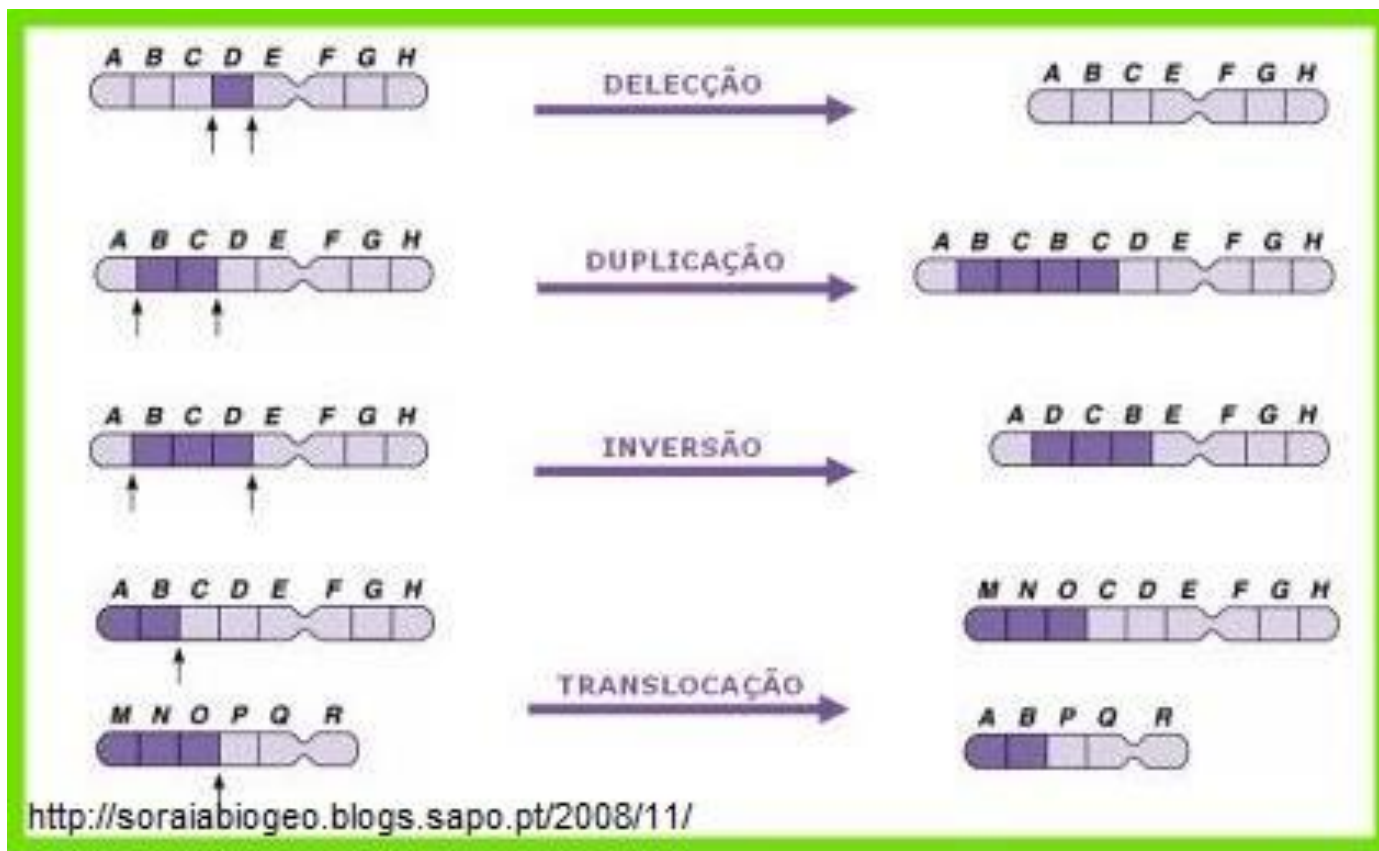
Meiose II

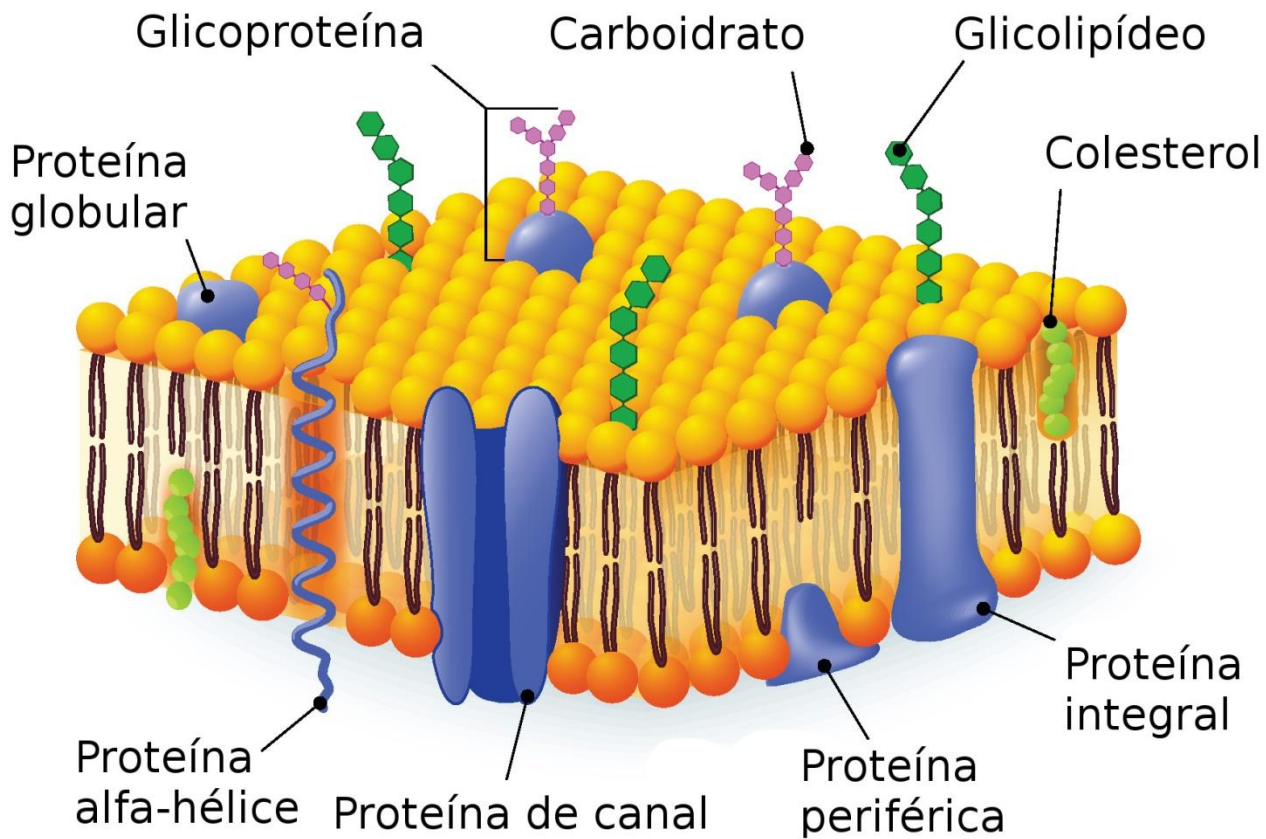


Origem das aneuploidias

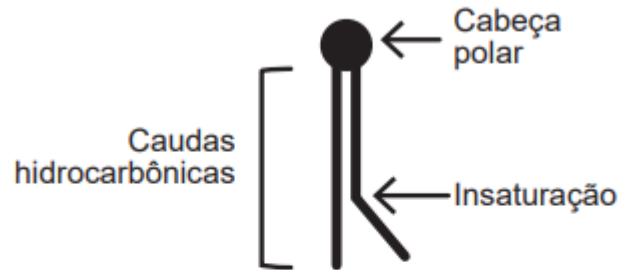




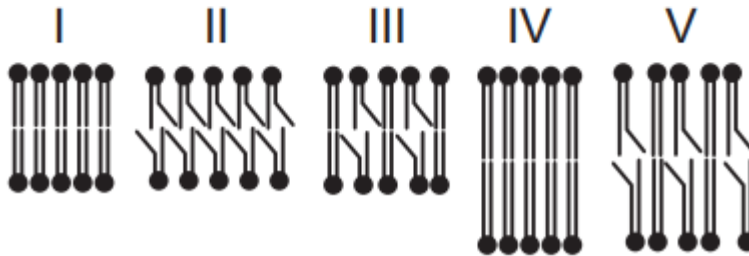


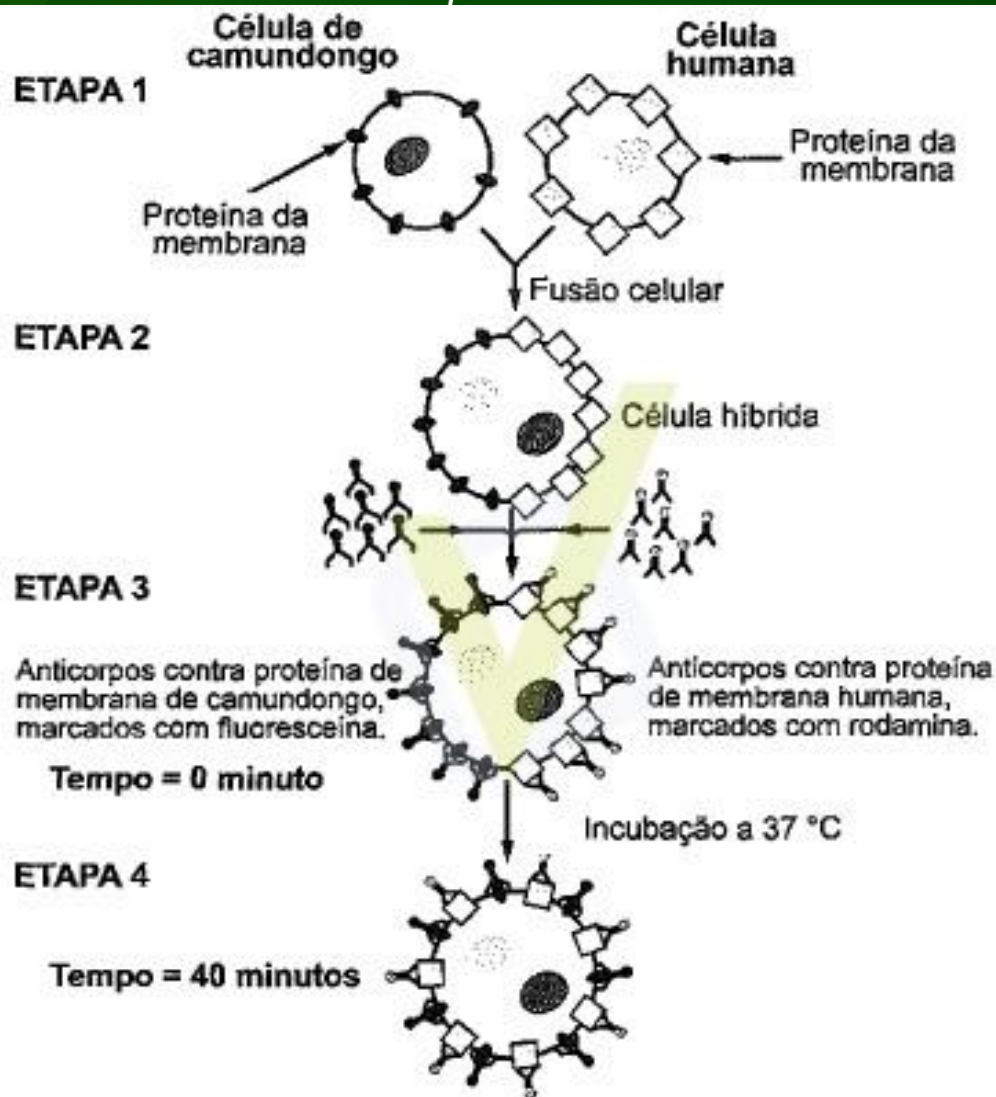


Representação simplificada da estrutura de um fosfolípido



Assim, existem bicamadas lipídicas com diferentes composições de fosfolípídios, como as mostradas de I a V.



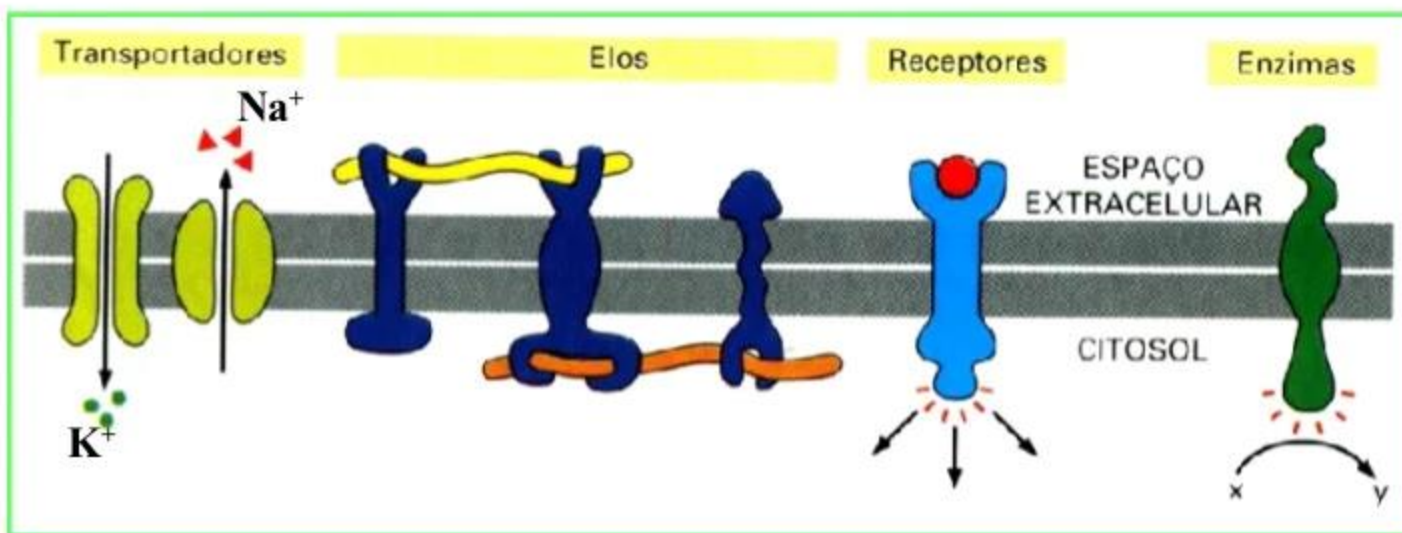


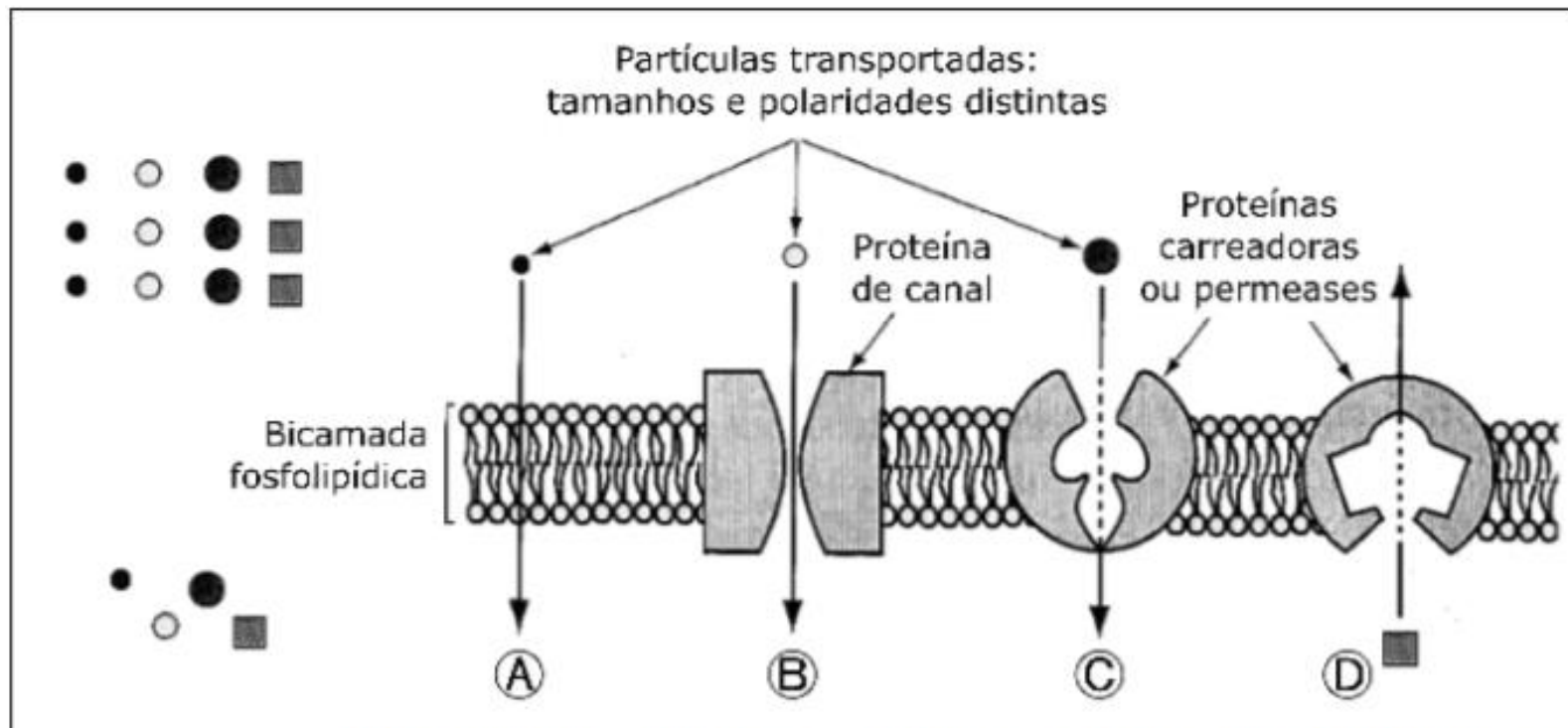
ALBERTS, B. et al. *Biologia molecular da célula*. Porto Alegre: Artes Médicas, 1997 (adaptado).





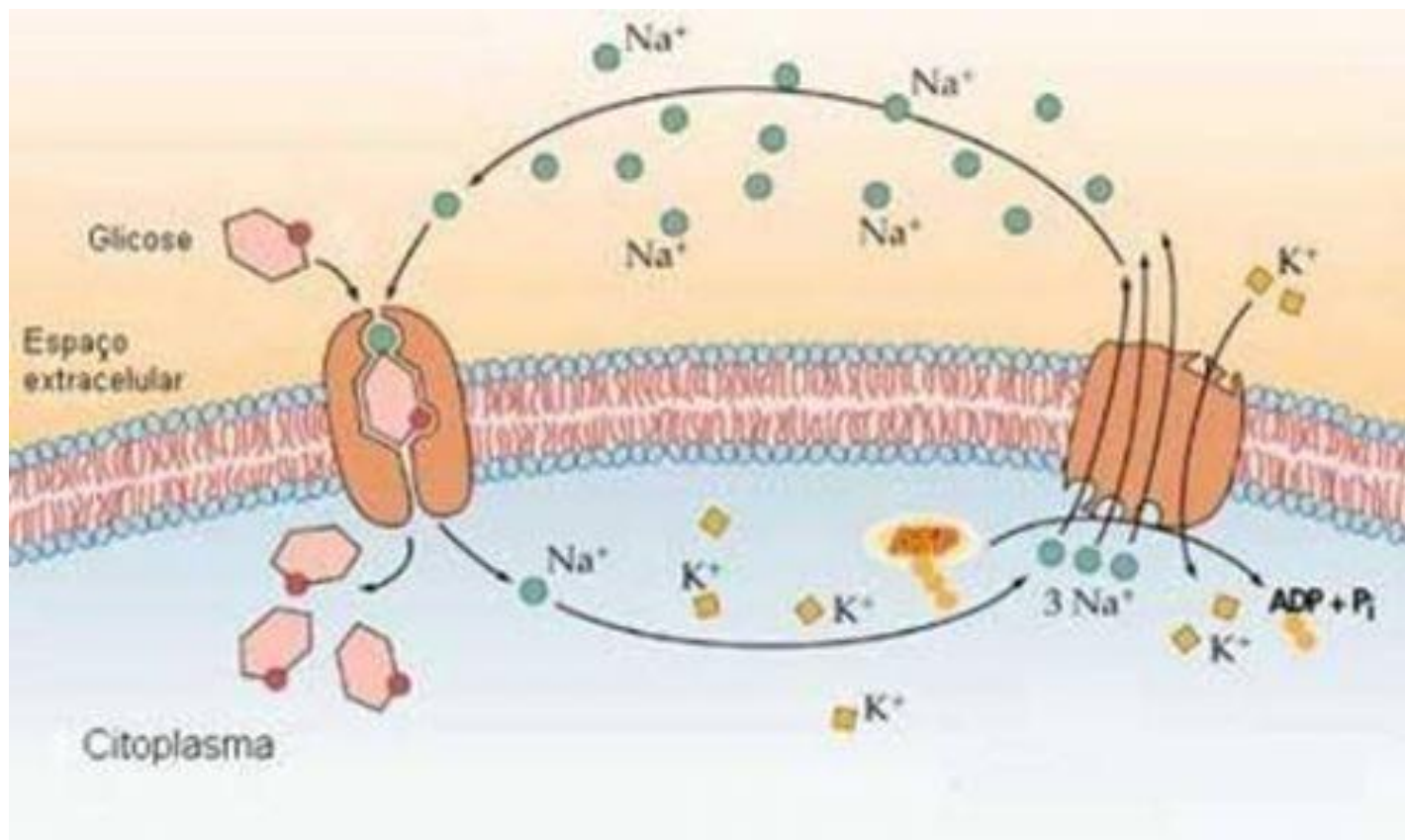
Proteínas de membrana

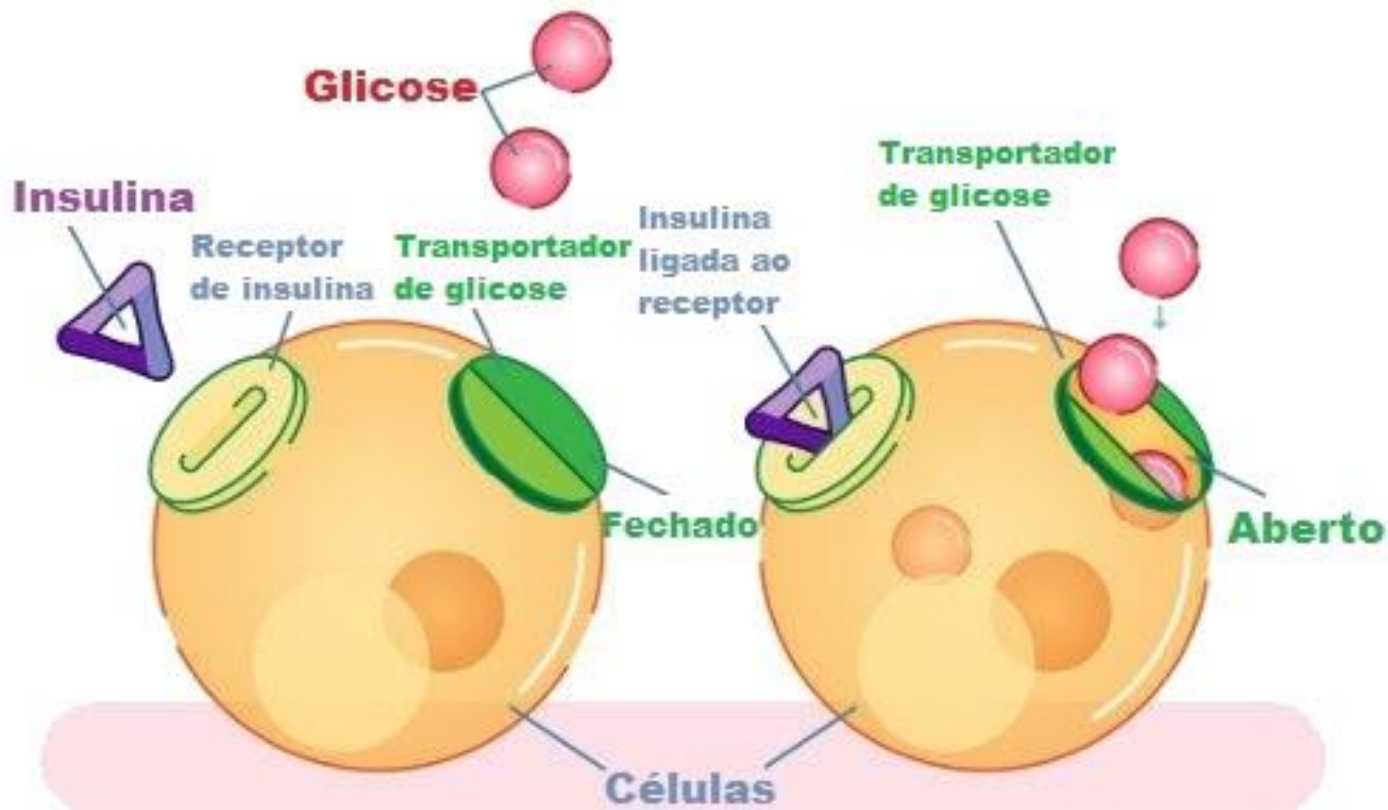


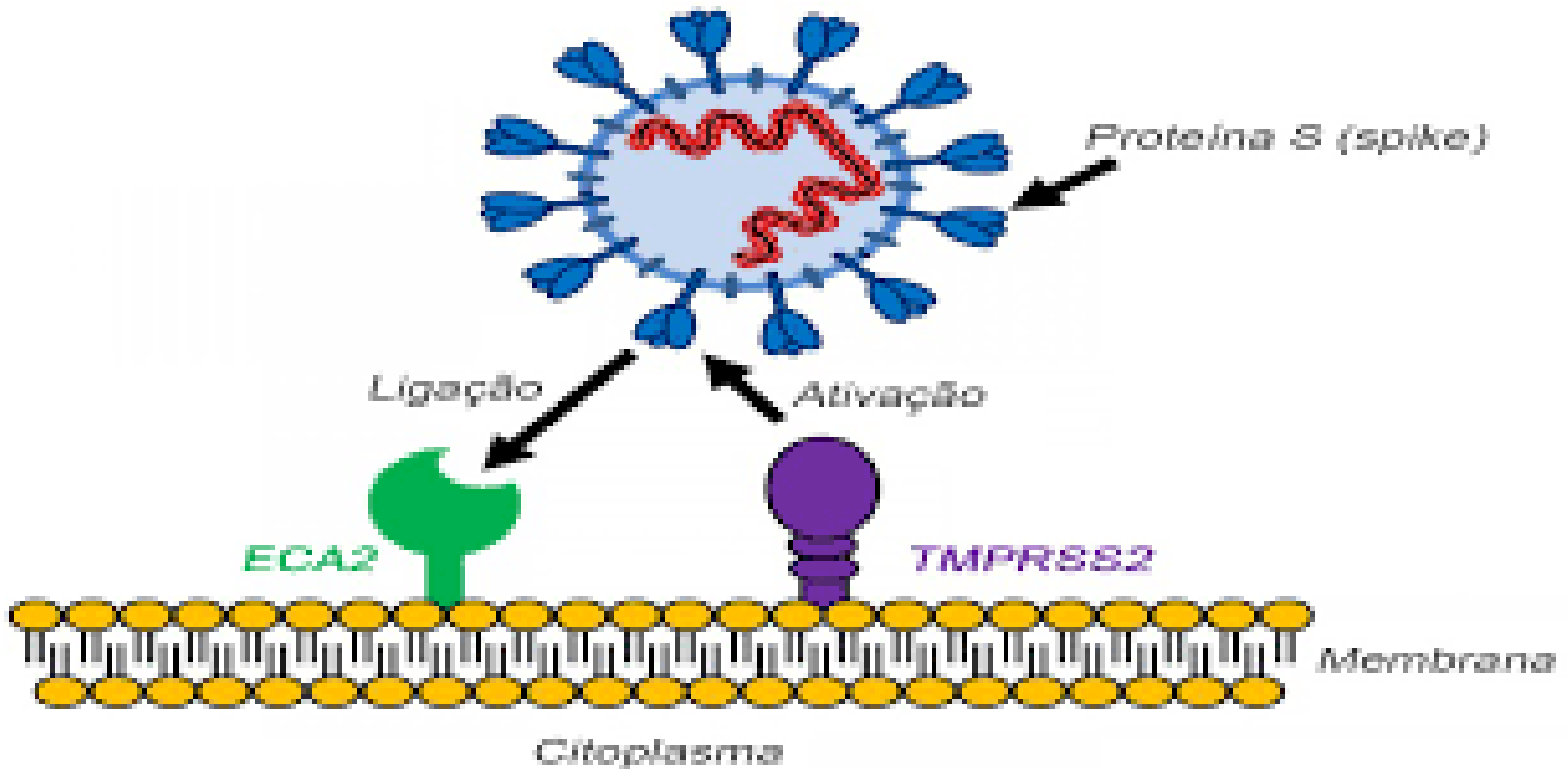


Adaptado de: LOPES, S., ROSSO, S. **BIO**. 2ª ed. Volume 1.
Editora Saraiva. São Paulo. 2010.





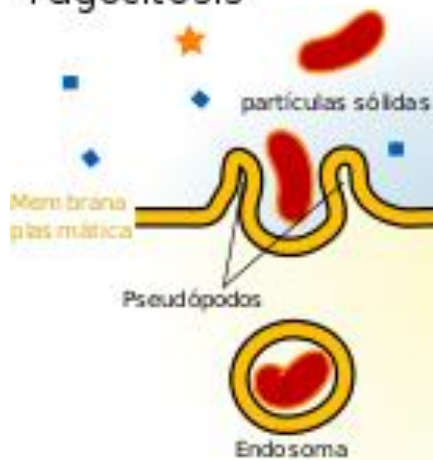




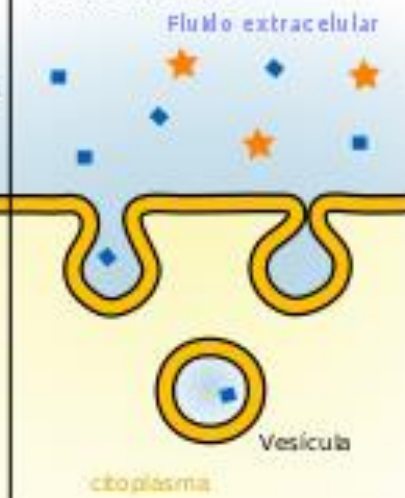


Endocitosis

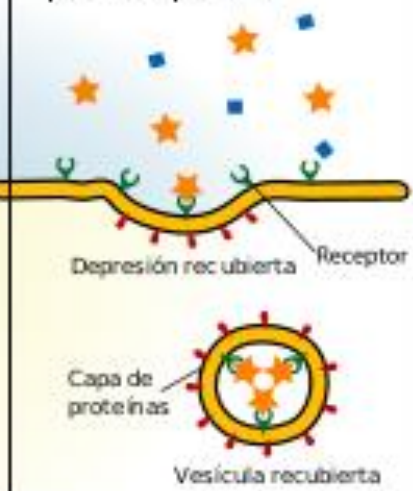
Fagocitosis

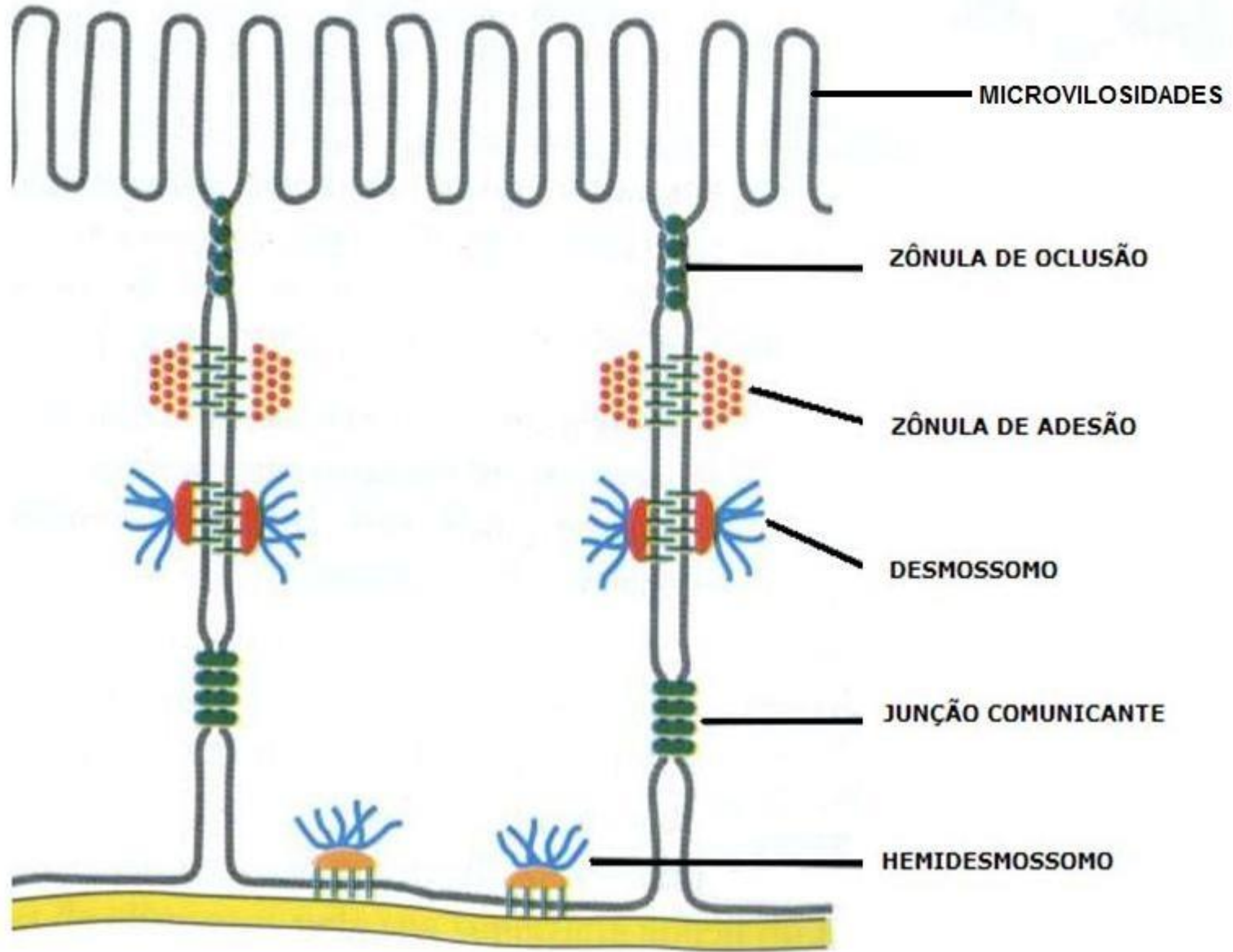


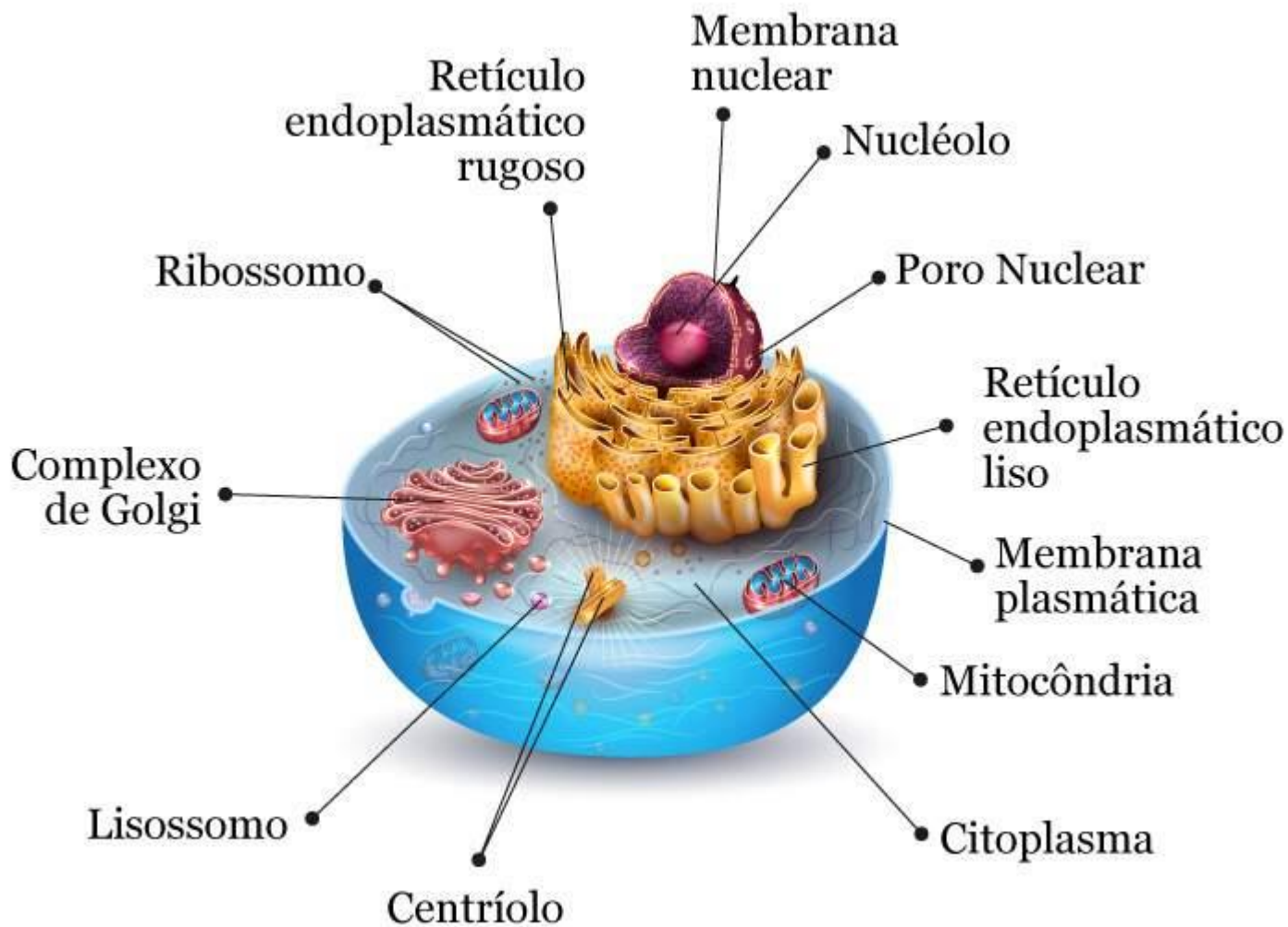
Pinocitosis

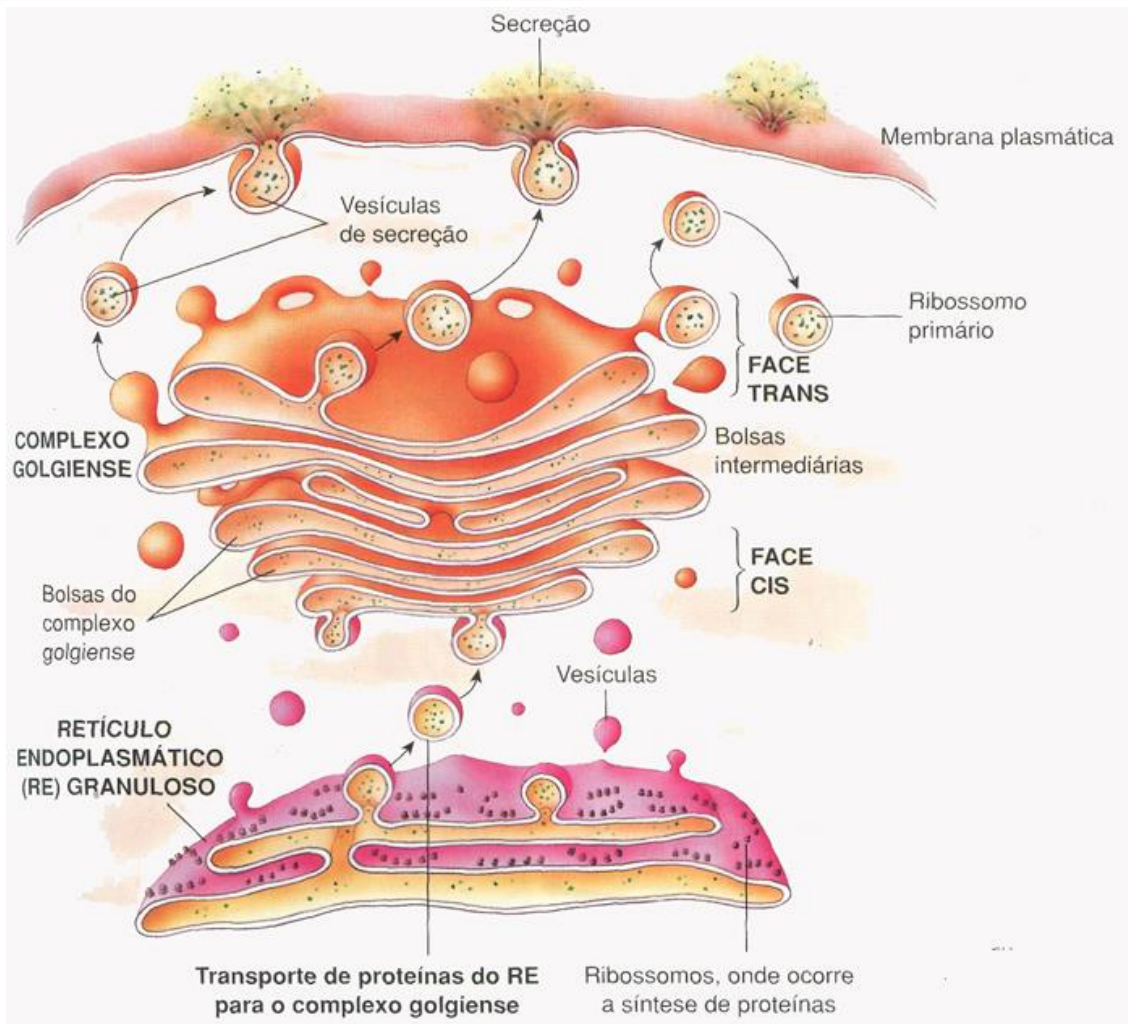


Endocitosis mediada por receptores











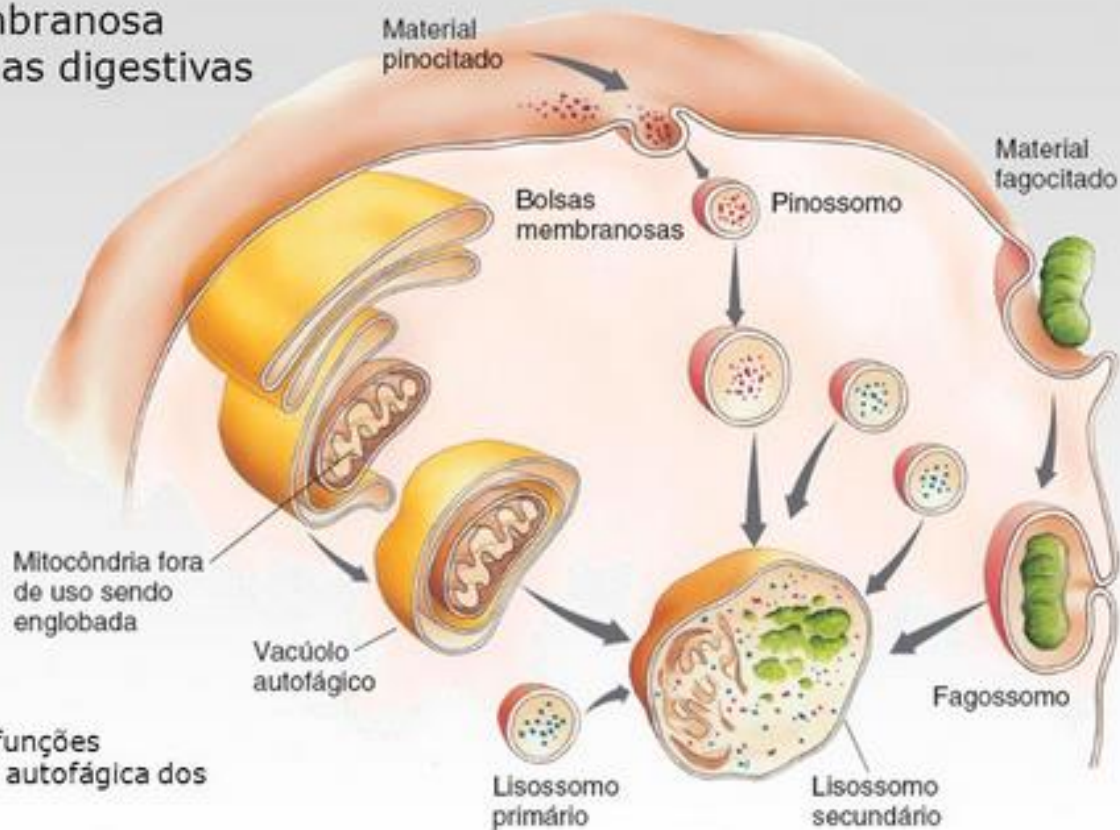
Anatomia do Lisossomo





Lisossomo

Bolsa membranosa com enzimas digestivas



Esquema das funções heterofágica e autofágica dos lisossomos





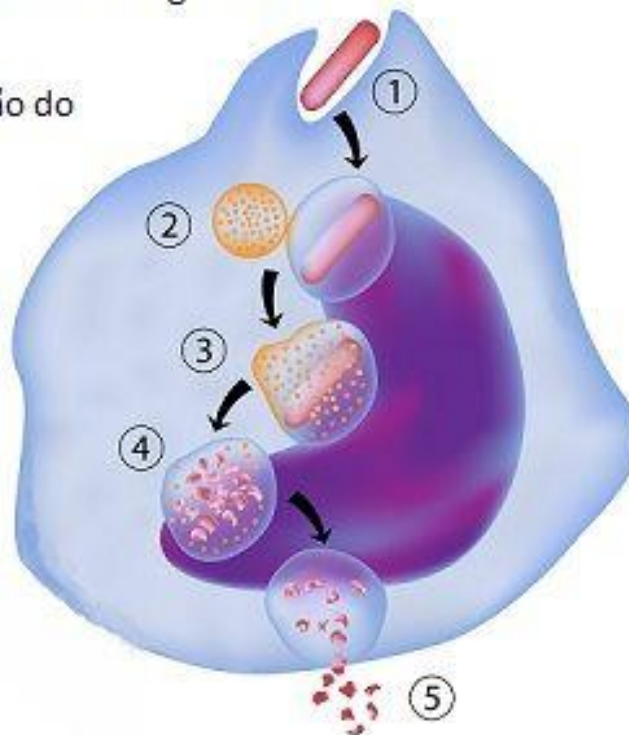
① Fagocitose da célula inimiga (antígeno)

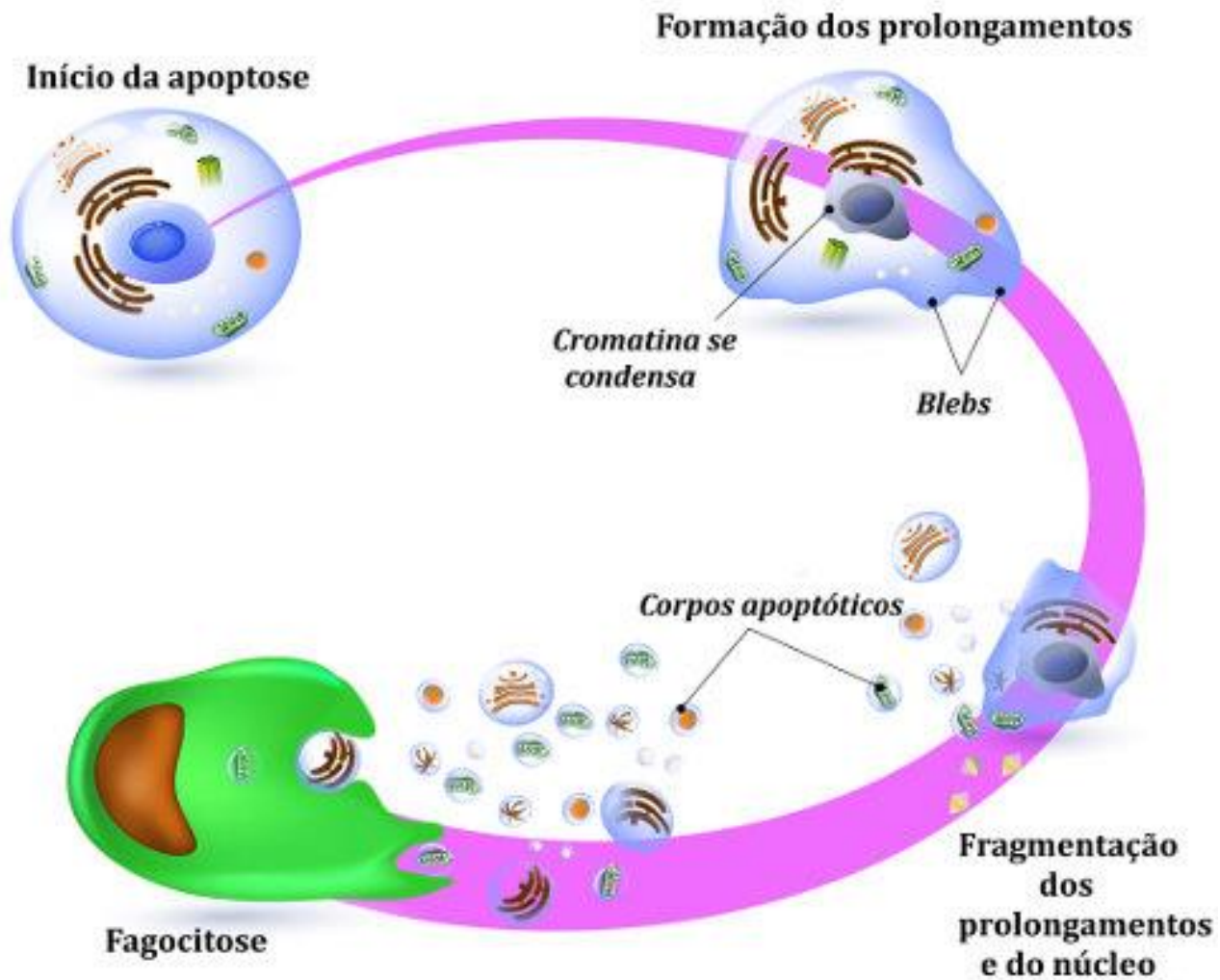
② Fusão do lisossomo com o fagossomo

③ Inicia a degradação do antígeno pelas enzimas

④ O antígeno é quebrado em partes menores

⑤ Os restos do antígeno são liberados por exocitose

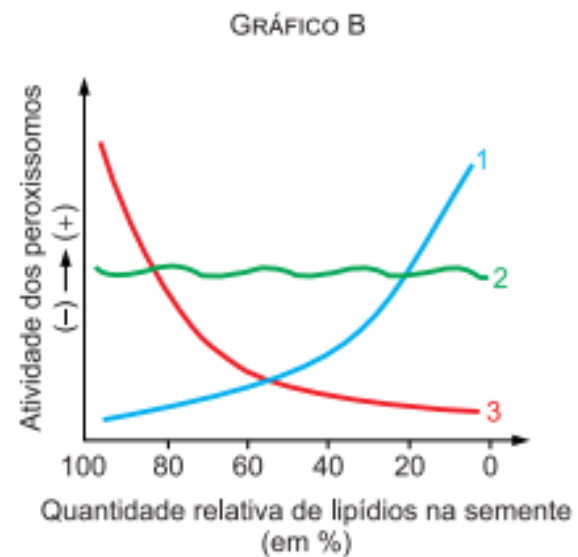
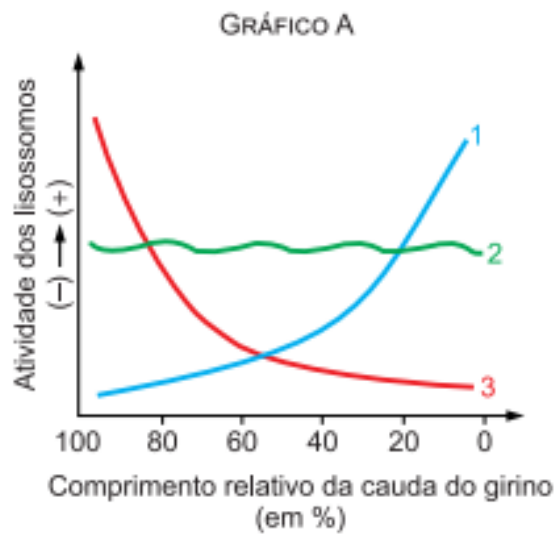




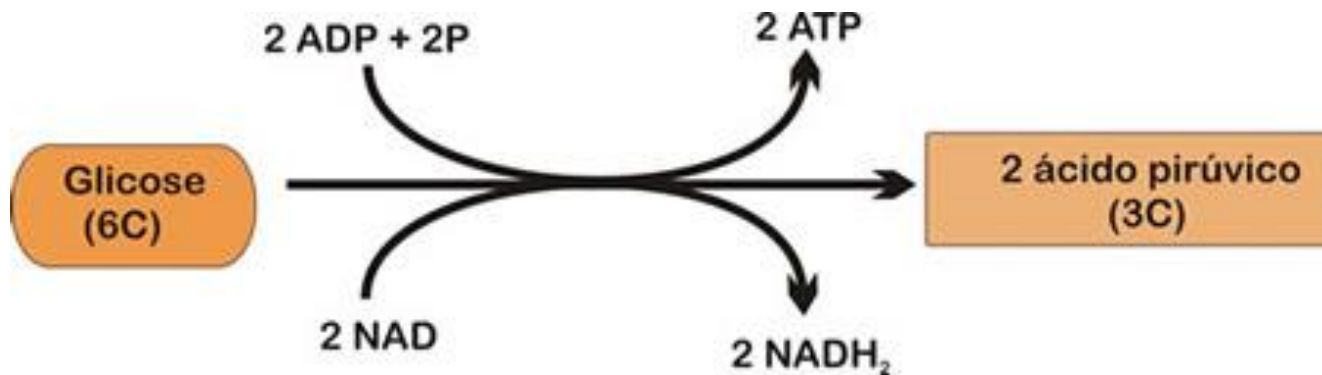
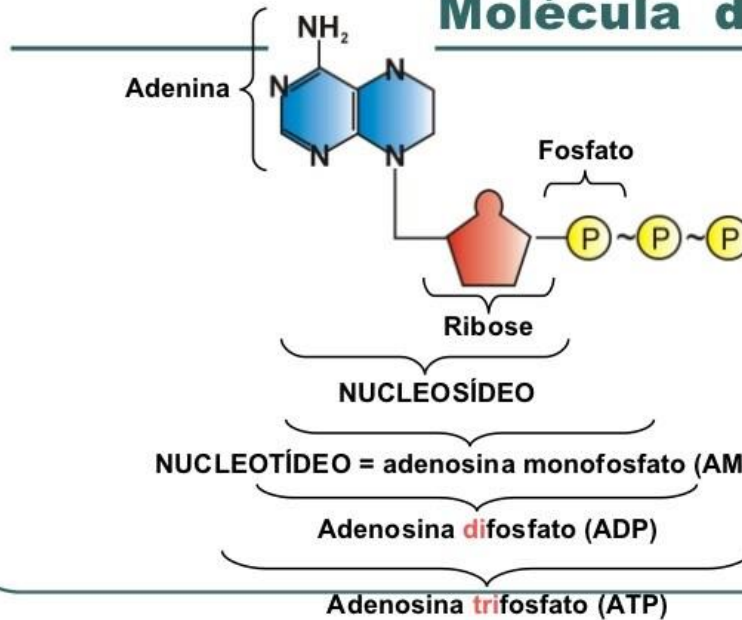


Apoptose no desenvolvimento



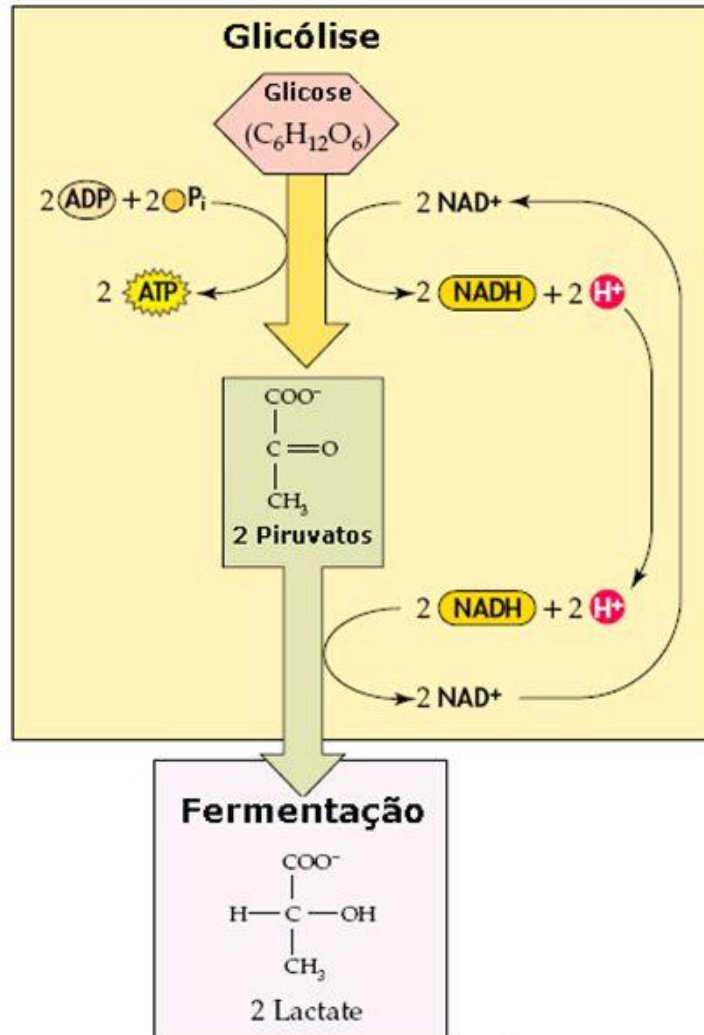


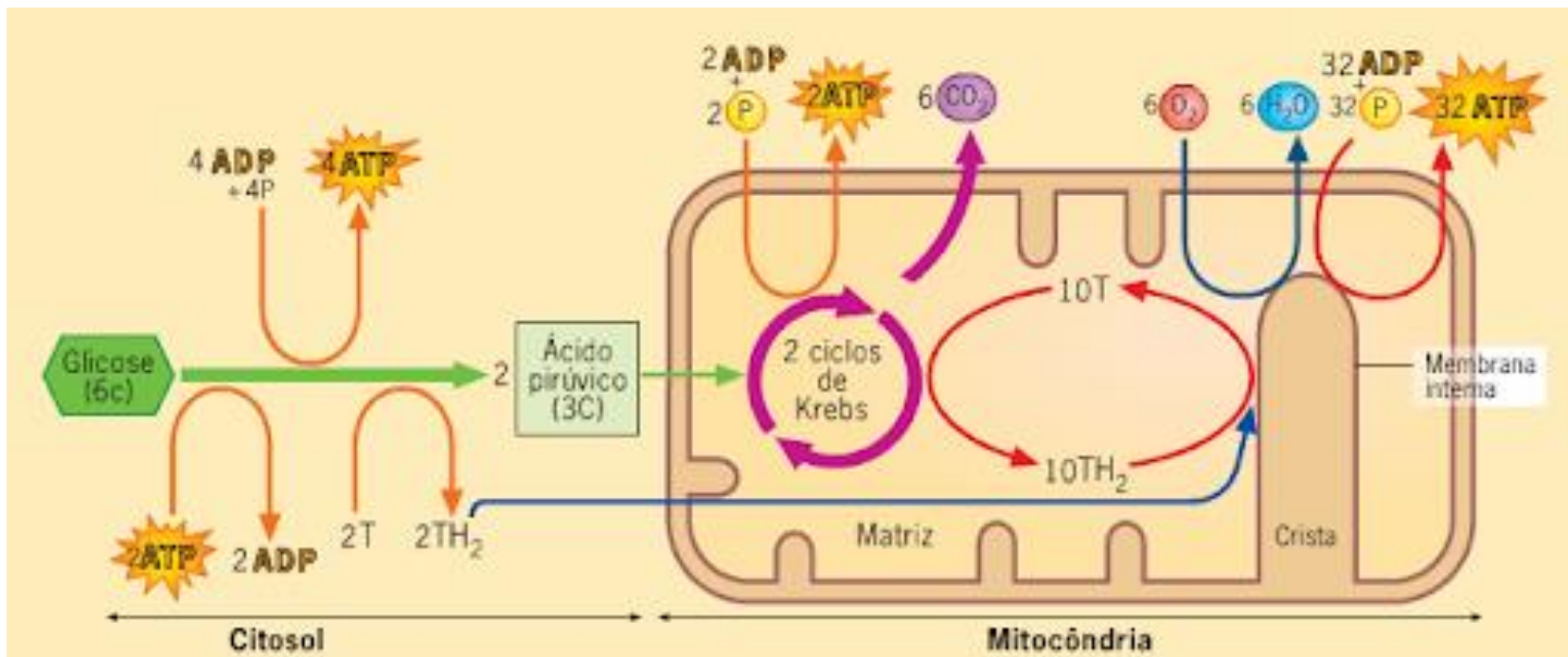
Molécula de ATP



Fermentação

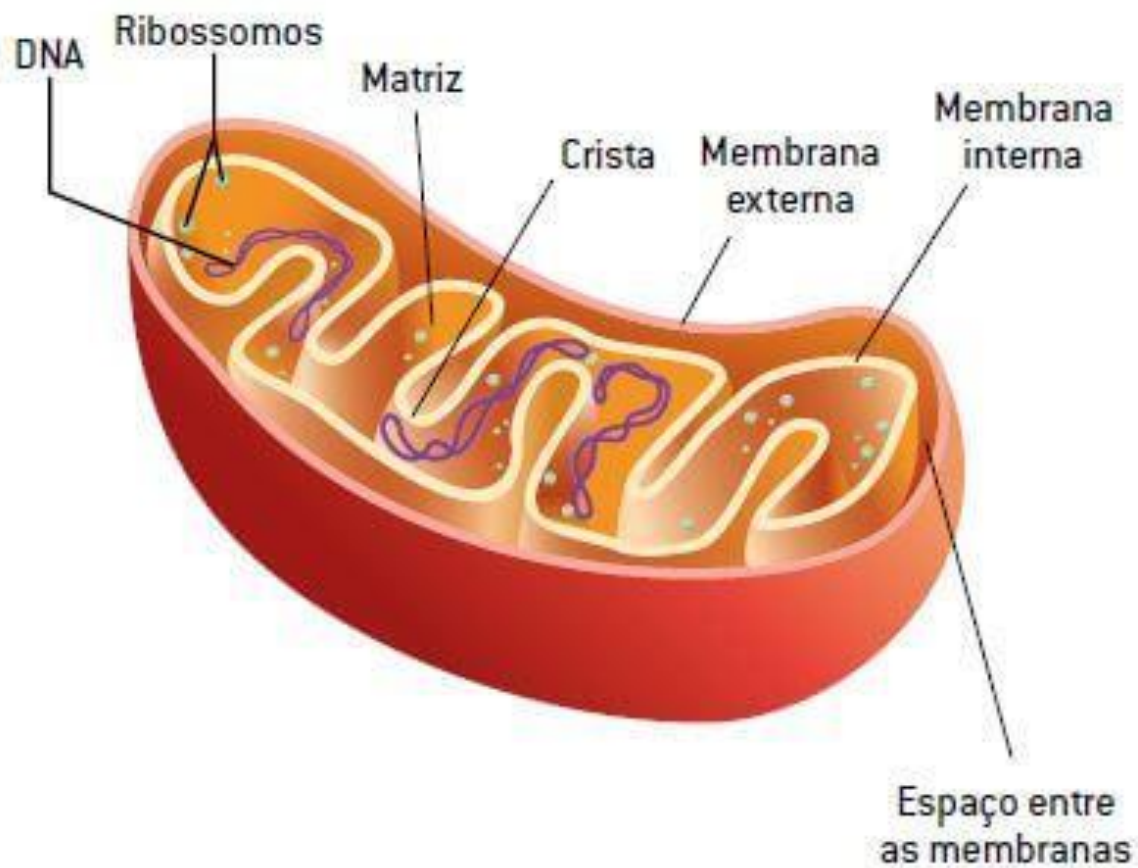
Fermentação Láctica

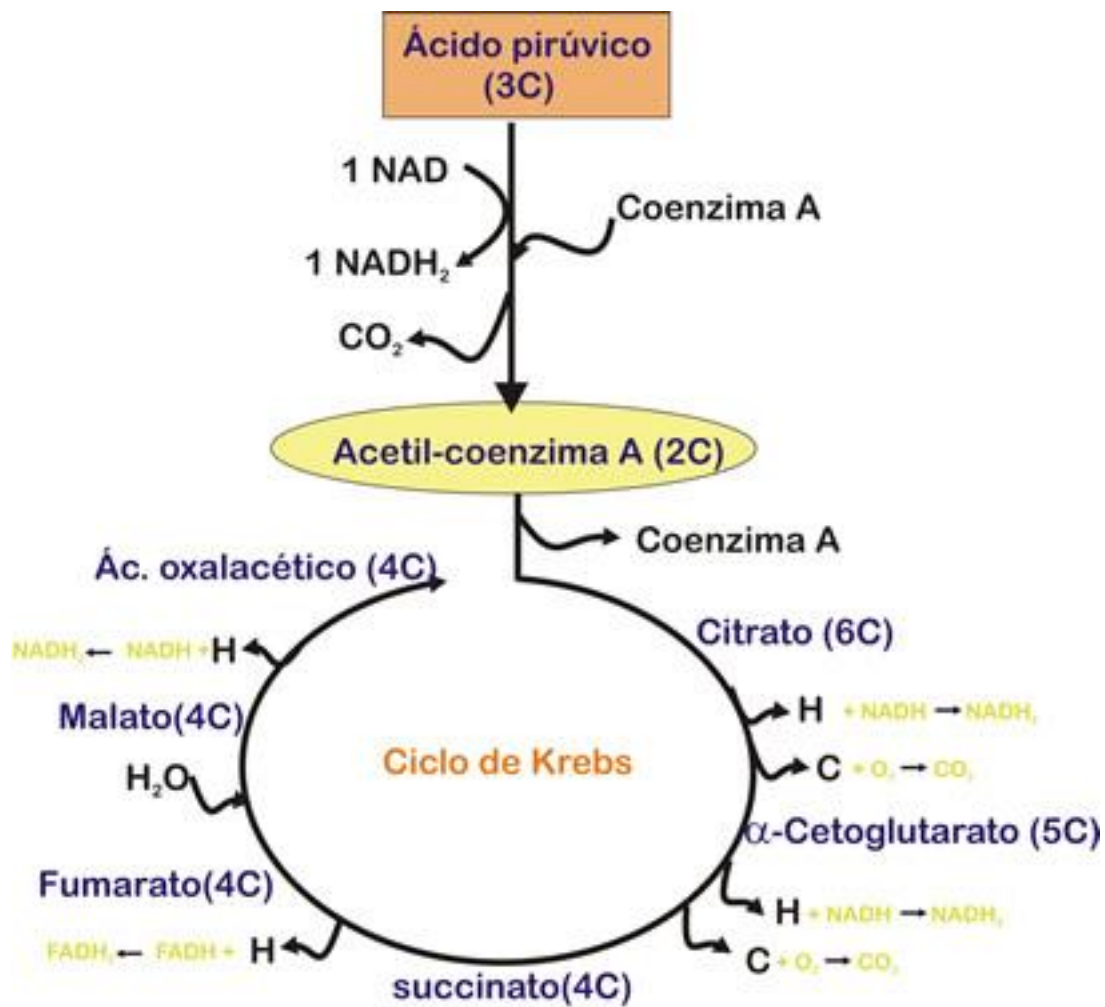




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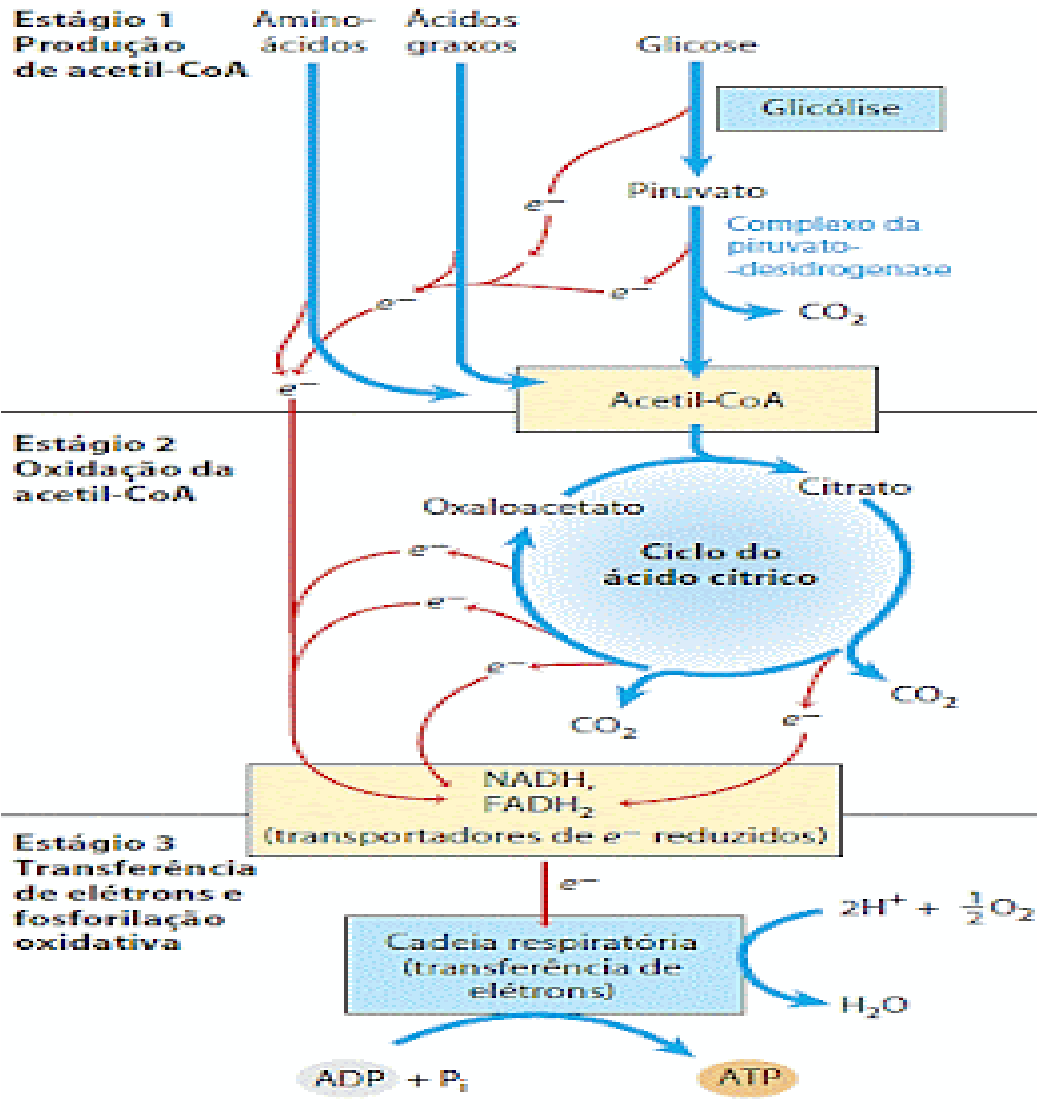




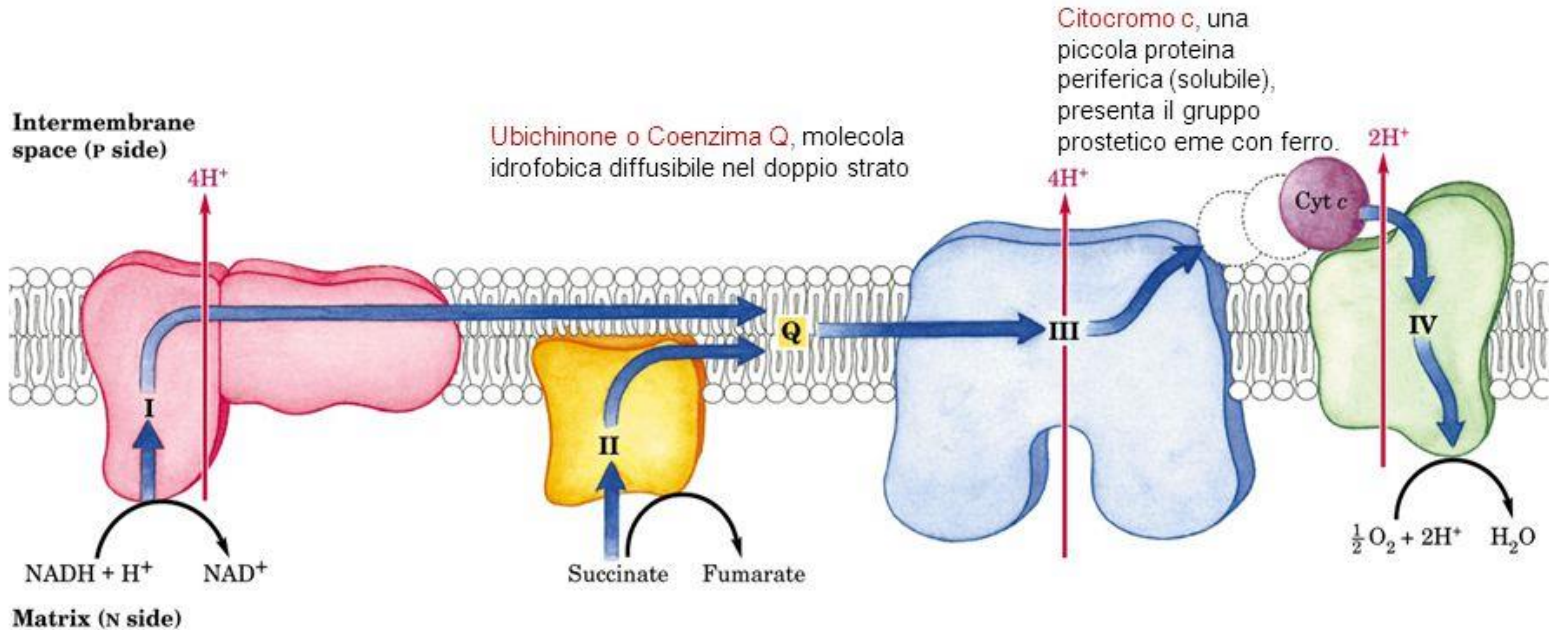


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I) CATENA DI TRASPORTO DEGLI ELETTRONI

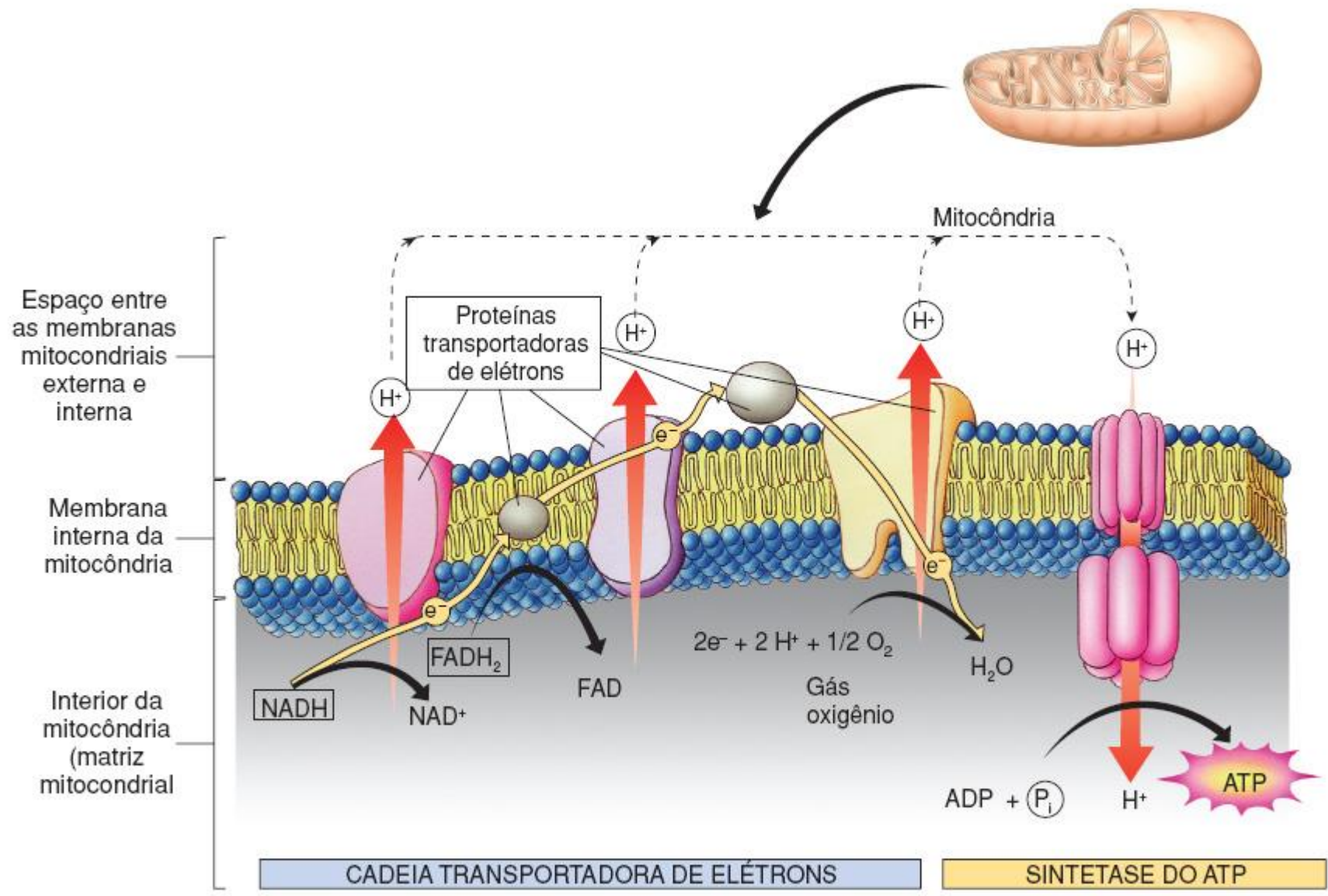


Complesso I
NADH
DEIDROGENASI
 trasferisce
 elettroni dal
 NADH al
CoenzimaQ

Complesso II
SUCCINATO
DEIDROGENASI
 trasferisce
 elettroni dal
FADH₂ al
 Coenzima Q

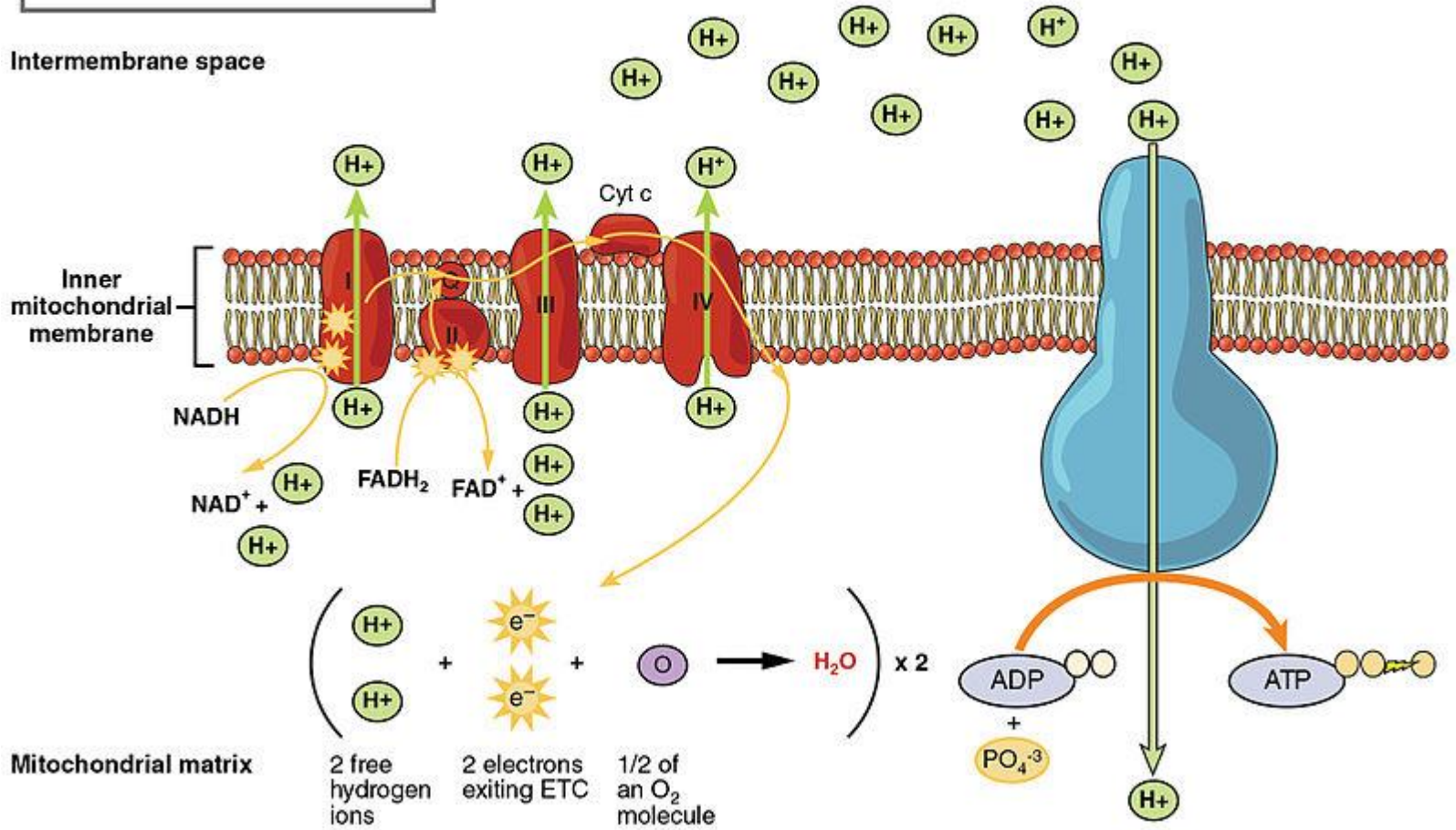
Complesso III
UBICHINONE
CITOCROMO C
REDUTTASI
 trasferisce
 elettroni dal
 CoenzimaQ
 al **citocromo c**

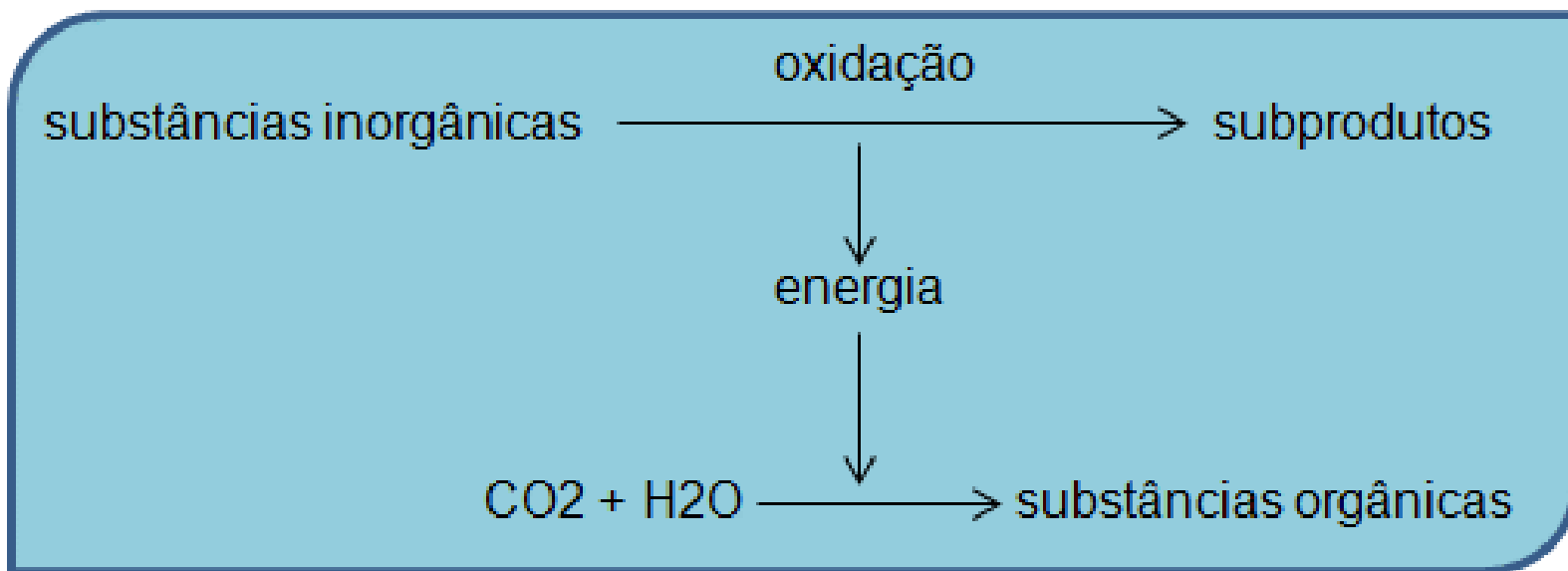
Complesso IV
CITOCROMO
OSSIDASI
 trasferisce
 elettroni dal
 citocromo c
 all'**O₂**

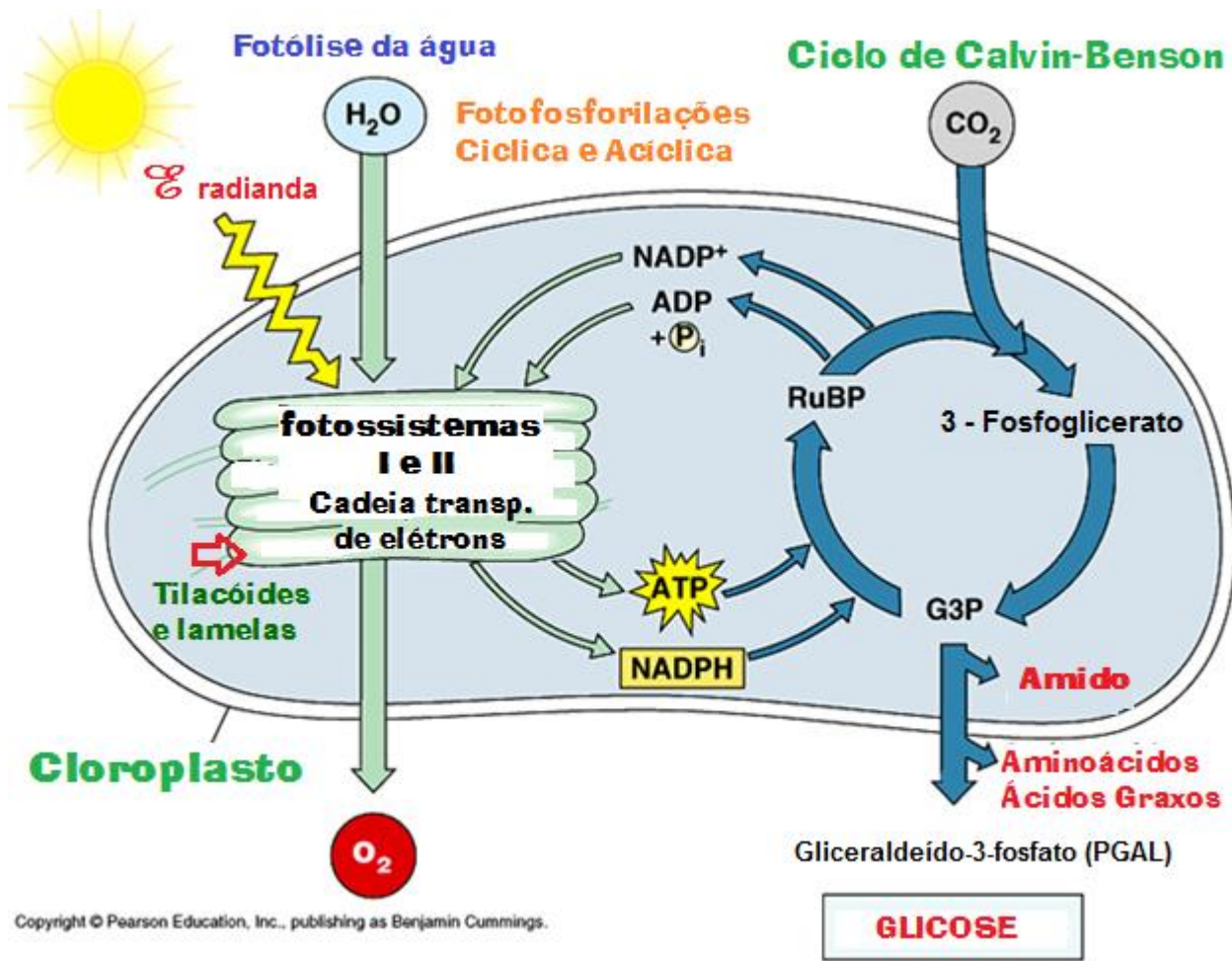


- Electron transport chain
- ATP synthase

Intermembrane space







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