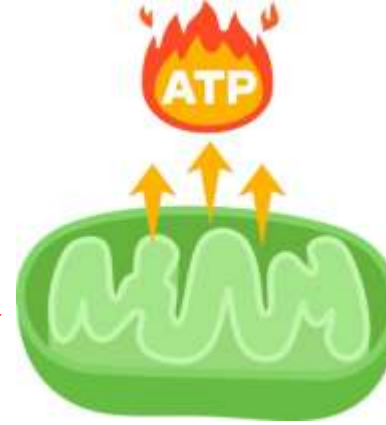


Transporte pela Membrana: Transporte Ativo

Prof. Suellen

GASTA



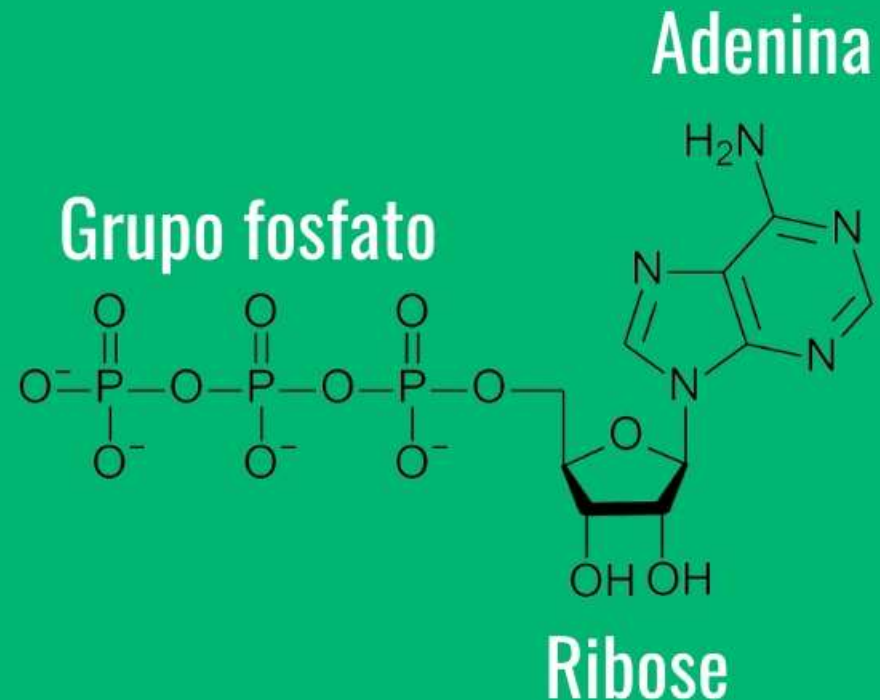
MITOCÔNDRIA

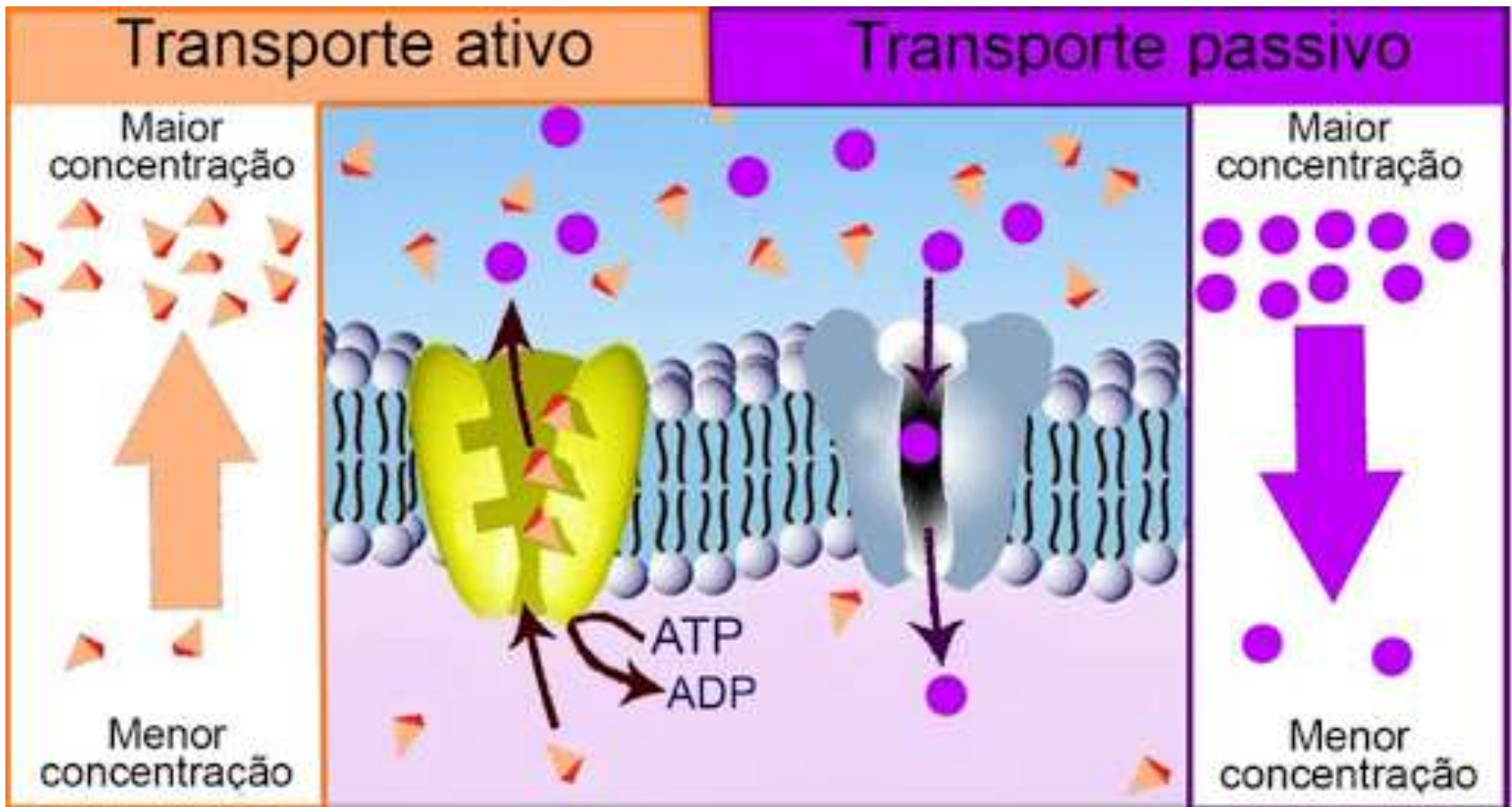
ATP:

(adenosina trifosfato)

Armazenamento
de energia nas
células

Molécula de ATP:



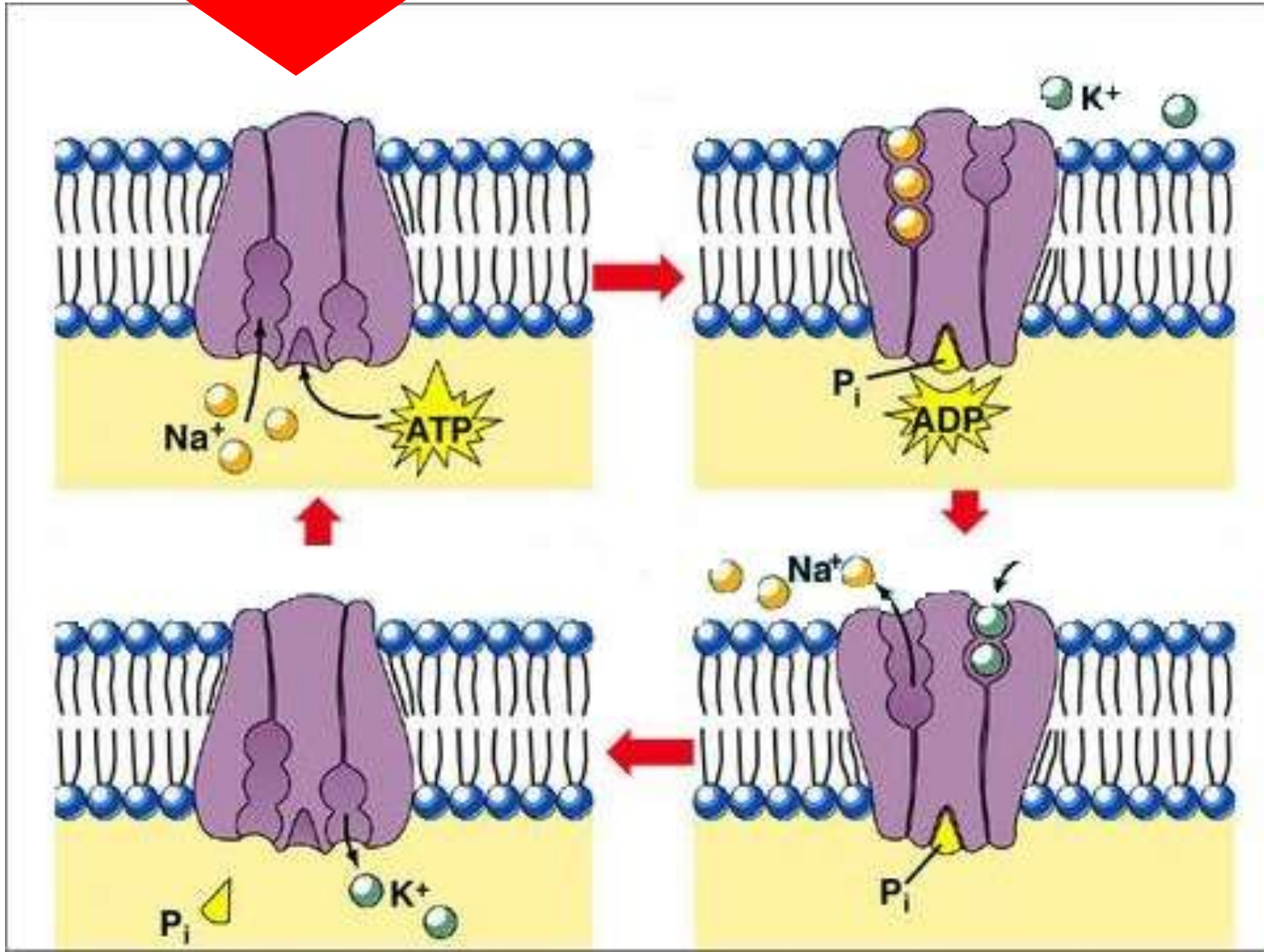
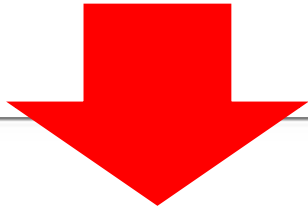


 Atribuição: NUEPE/UFPR

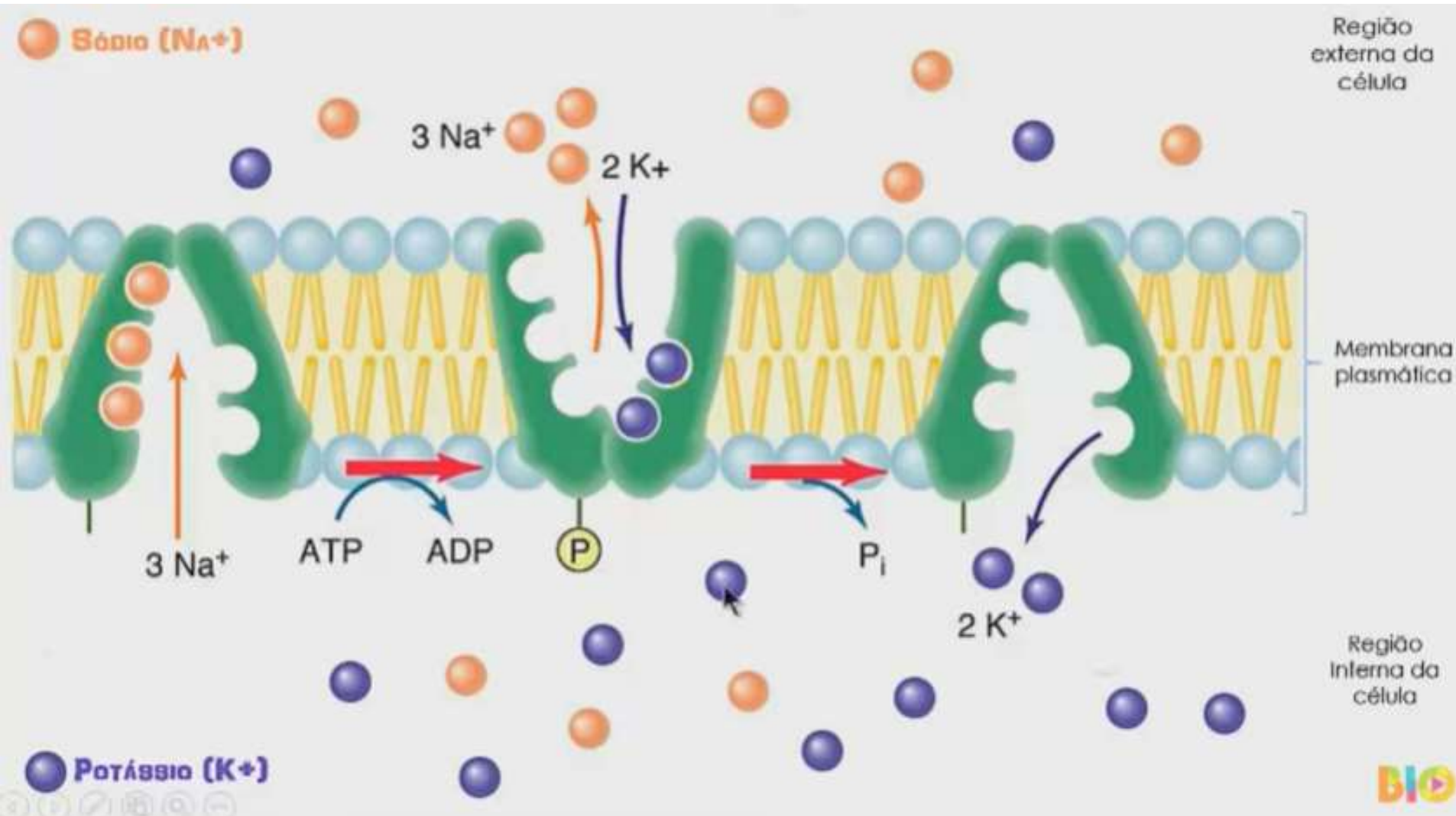


Contra o gradiente de concentração

Através de proteínas ATPASES

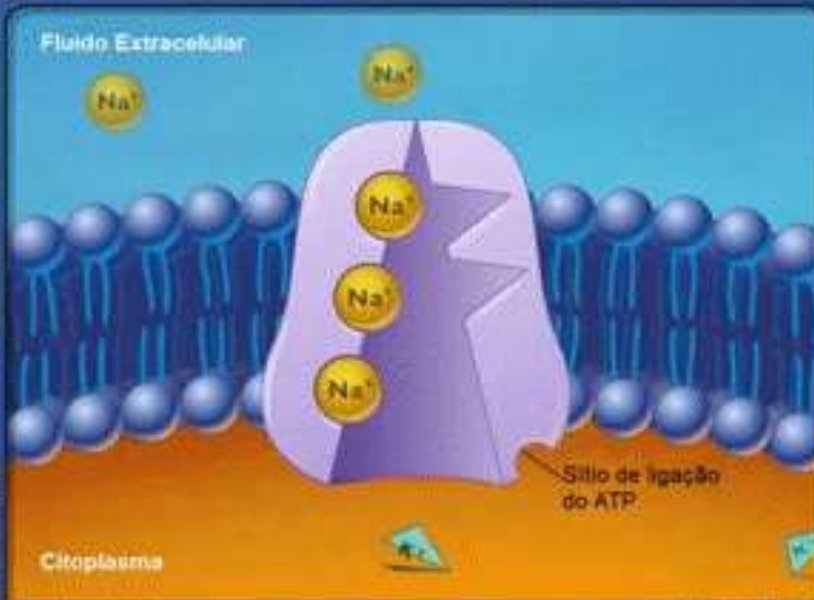


Bomba de Sódio e Potássio





Bomba de Sódio-Potássio



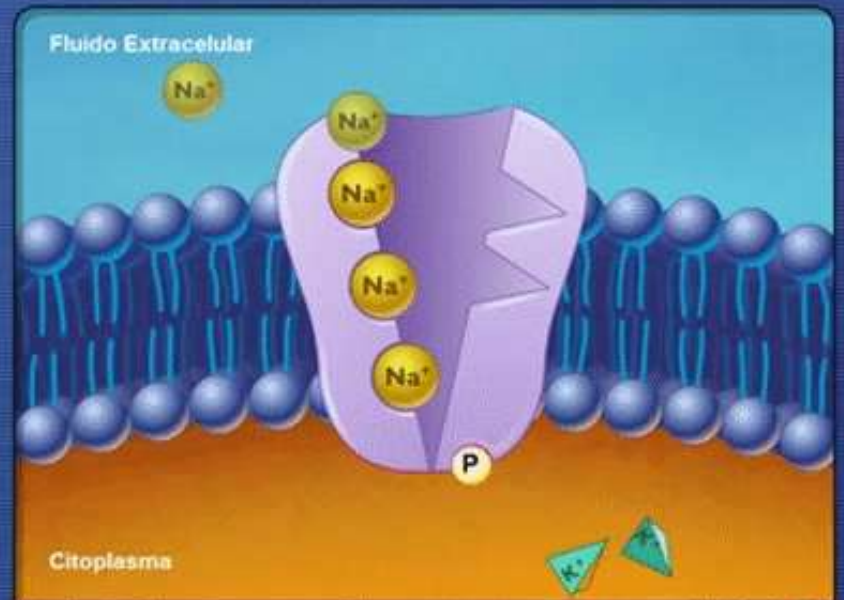
Play Pause Audio Text

Na sua nova conformação, a molécula se torna fosforilada em detrimento da molécula de ATP.

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Bomba de Sódio-Potássio



Play Pause Audio Text

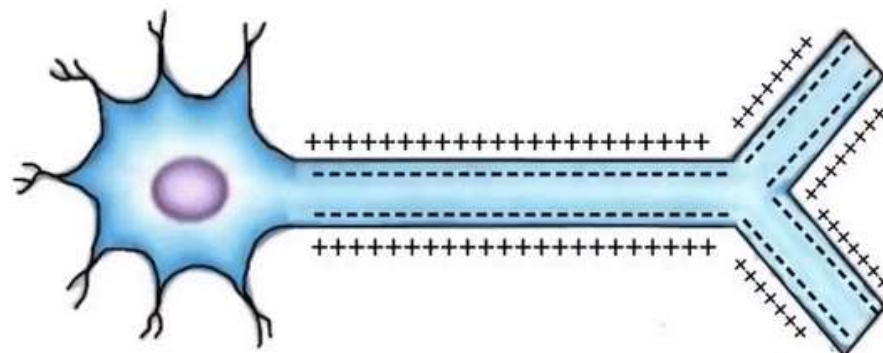
Nesta nova conformação, a proteína tem uma baixa afinidade com os íons de sódio, com isso eles se dissociam da proteína e são liberados no fluido extracelular.

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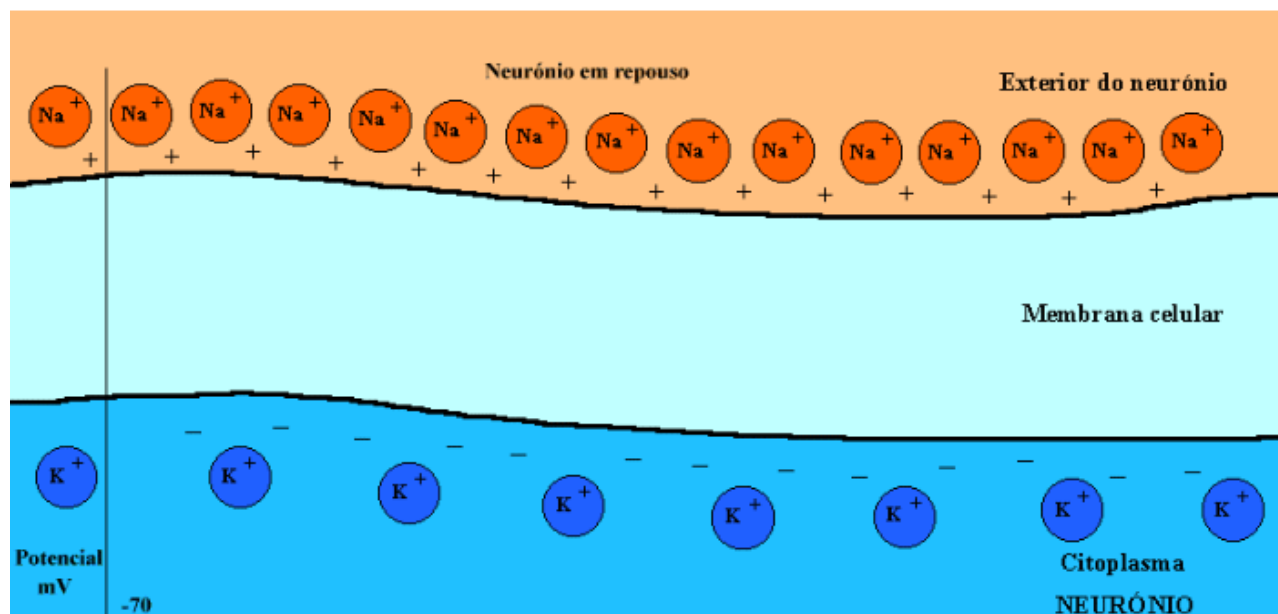
FUNÇÃO/IMPORTÂNCIA:

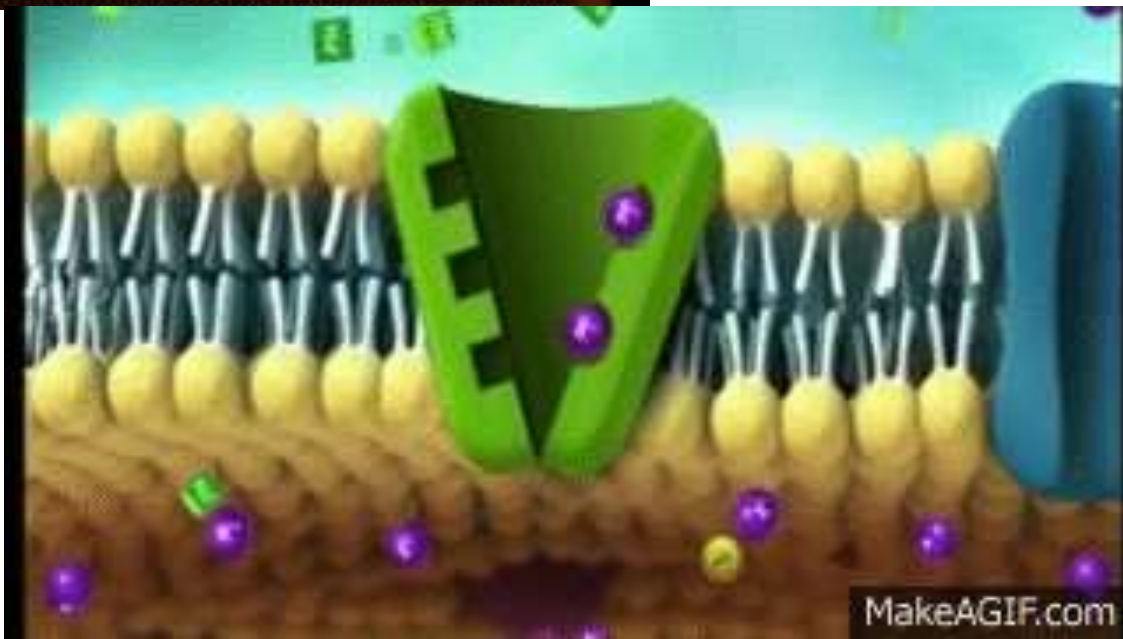
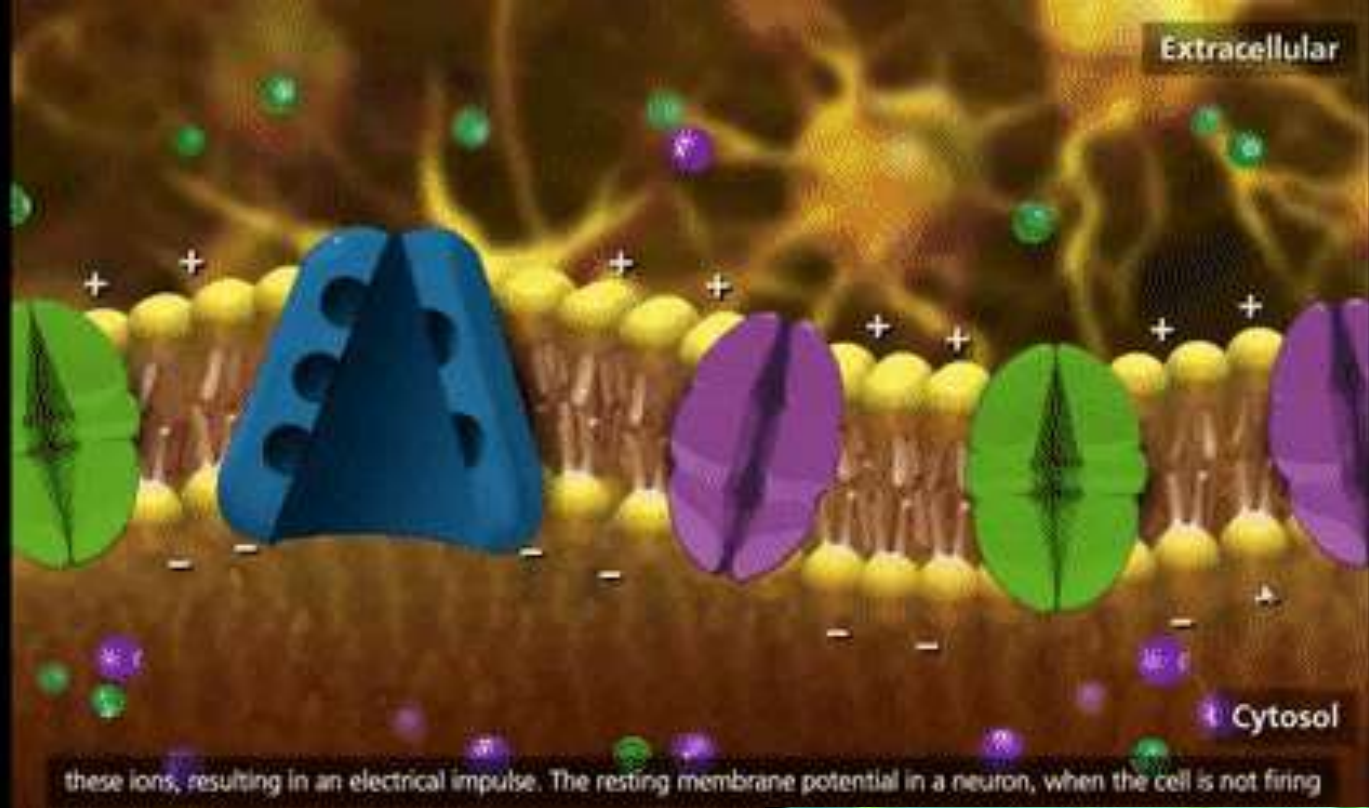
IMPULSO NERVOSO (POTENCIAL DE AÇÃO)

- Respiração Celular
- Síntese de Proteínas
- Impulsos Nervosos
- Contração Muscular



Polarizado - carga positiva fora e negativa dentro





Transporte ativo Secundário

