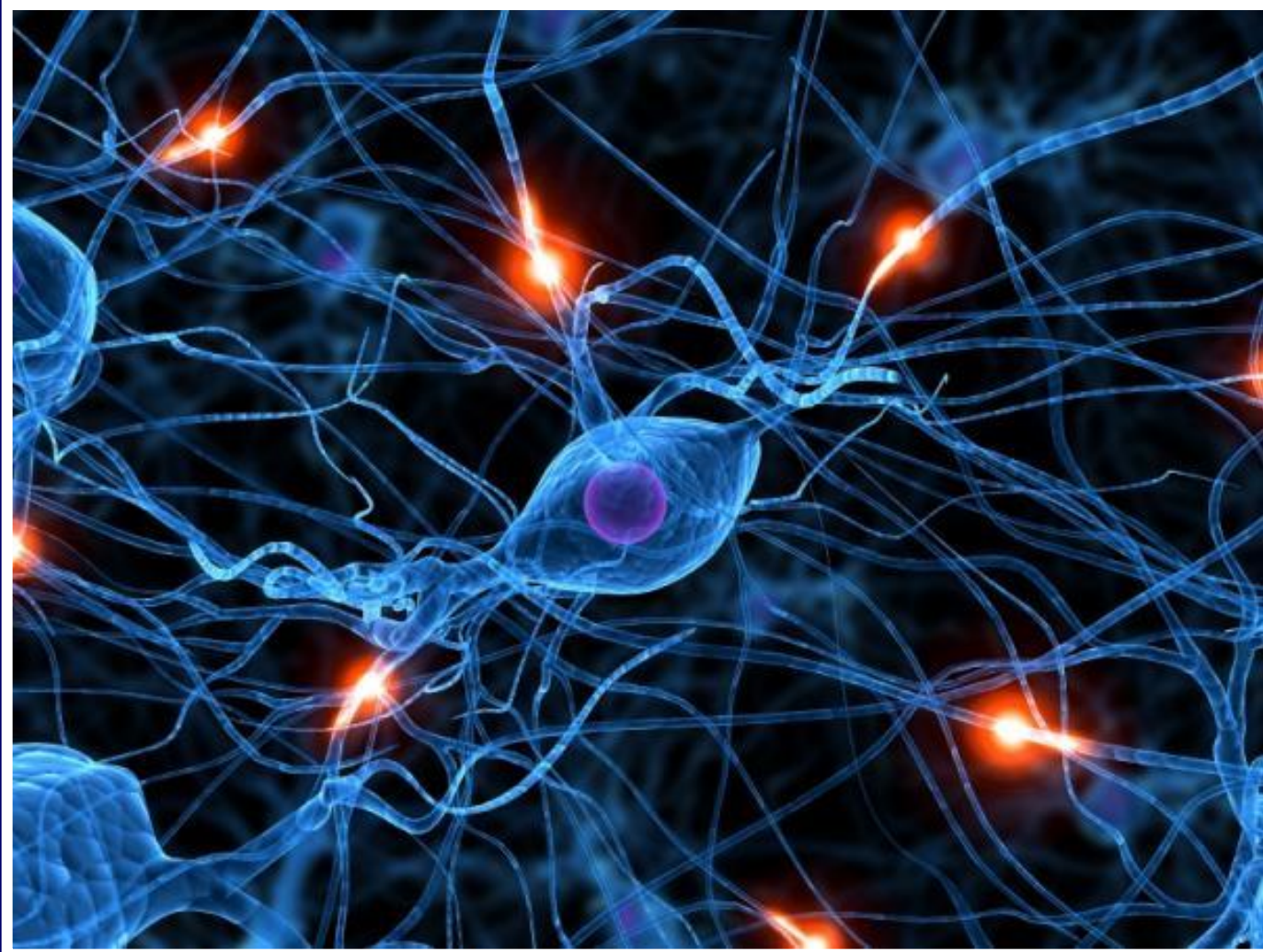
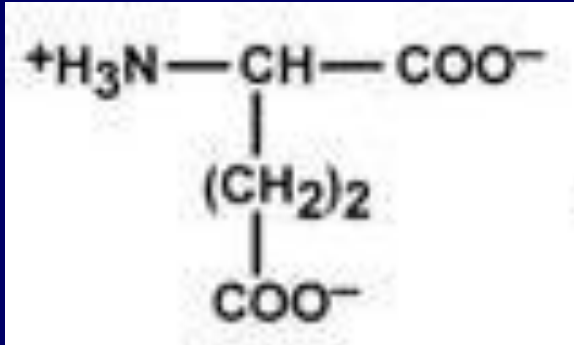


**BIOCHIMIE
DU TISSU
NERVEUX
ET
MUSCULAIRE**

BIOCHIMIE DU TISSU NERVEUX

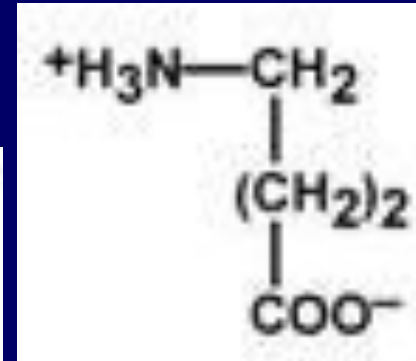
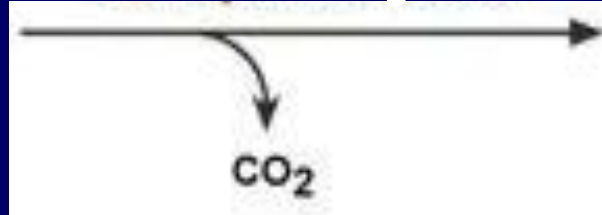


ACIDE GAMMA-AMINOBUTYRIQUE (GABA)

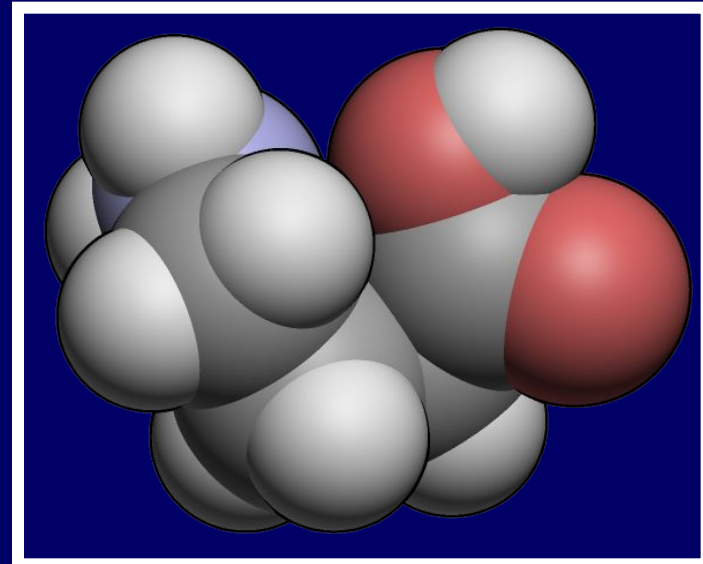
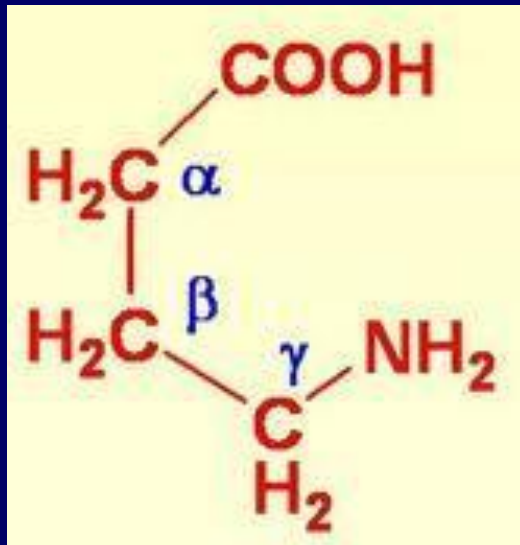


**acide
glutamique**

**glutamate-
décarboxylase**



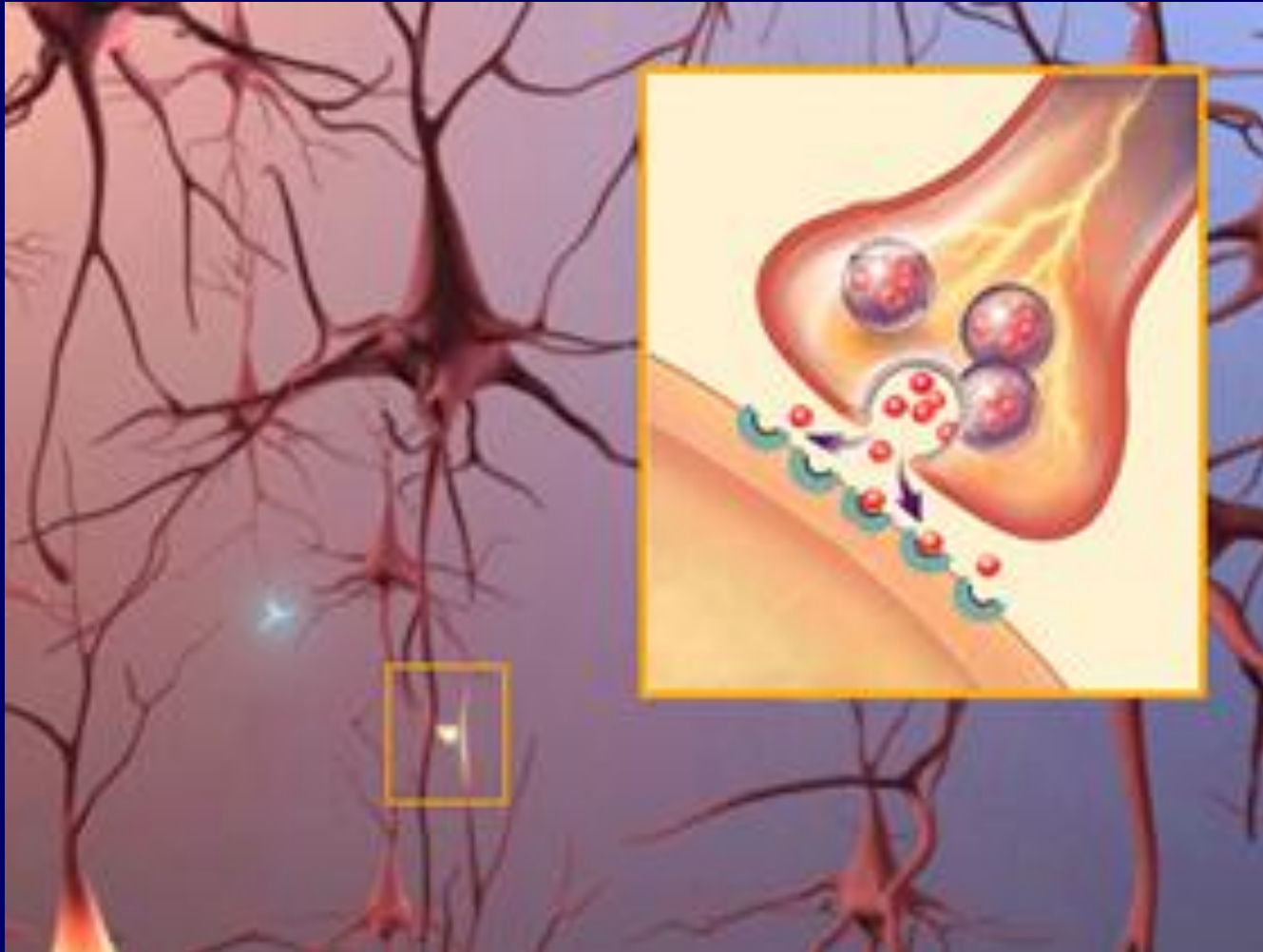
**acide
gamma-aminobutyrique**



GABA - SHUNT

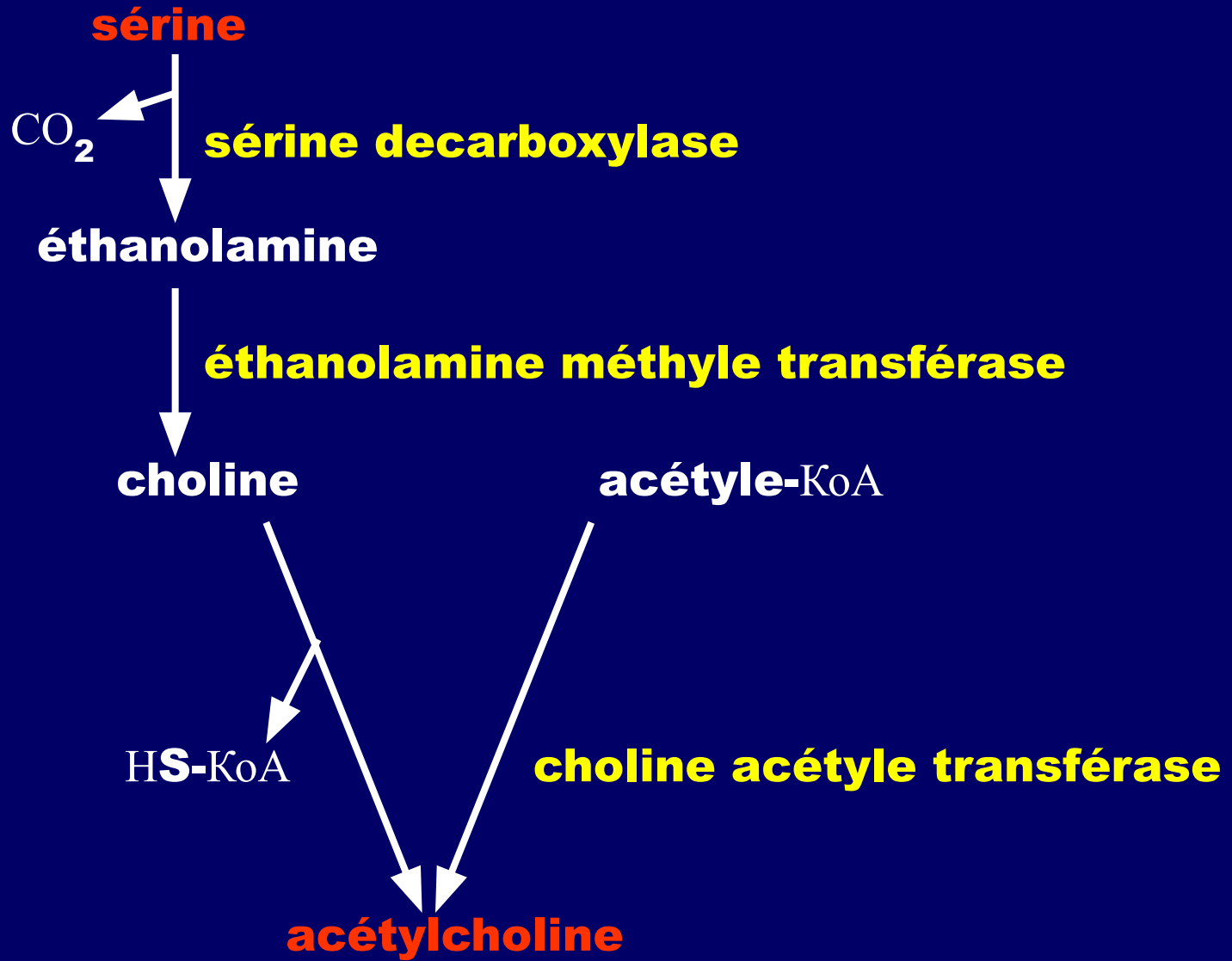


MÉCANISME DE TRANSMISSION DE L'INFLUX NERVEUX

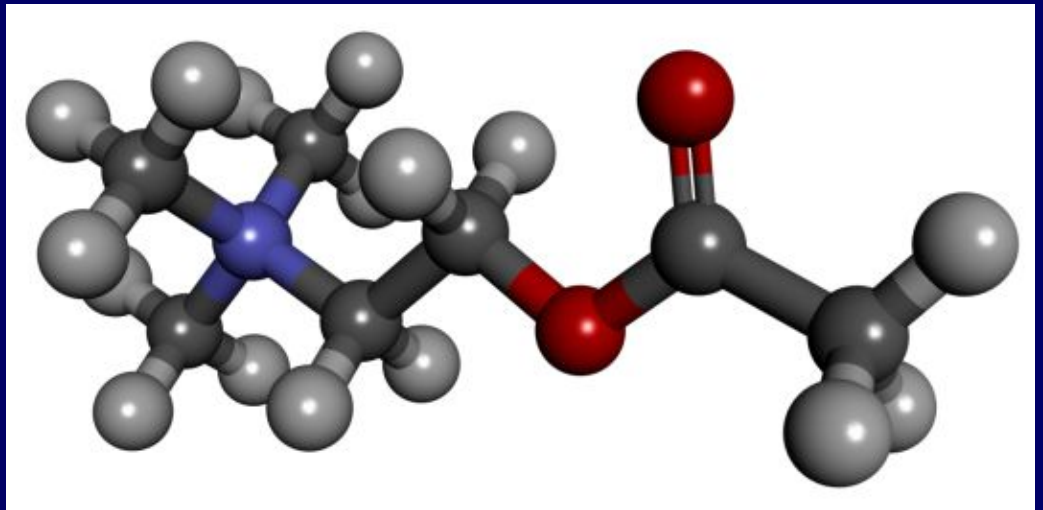
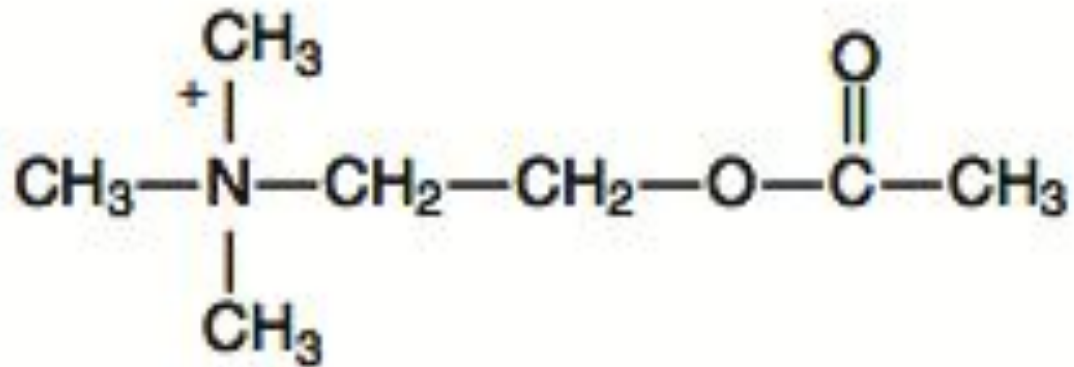


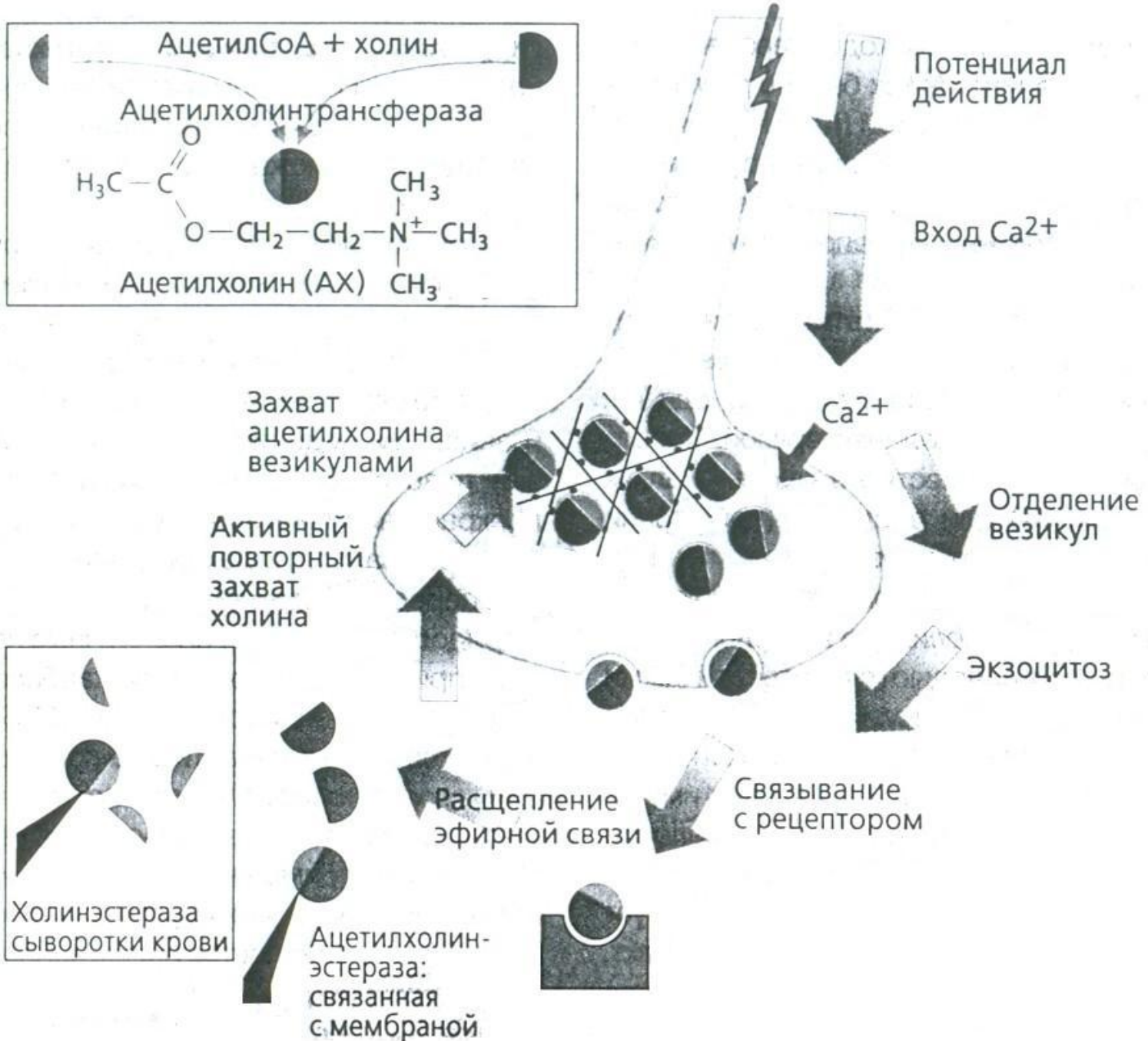
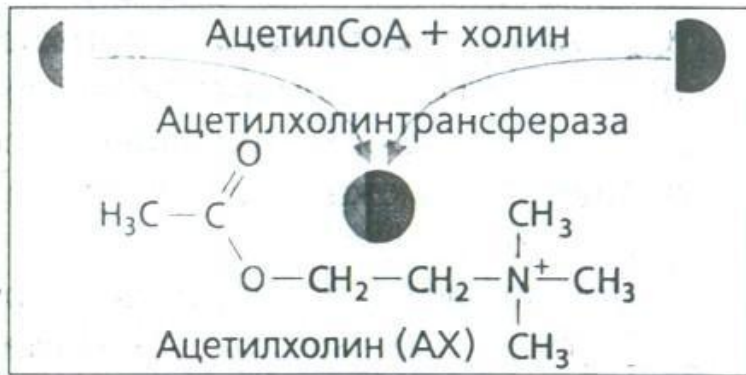


SYNAPSES CHOLINERGIQUES



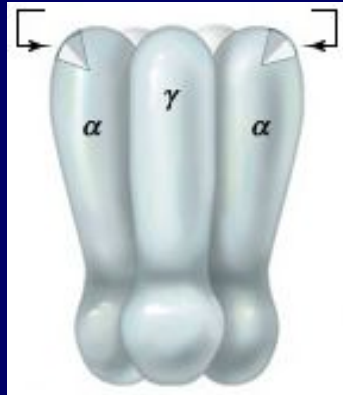
ACÉTYLCHOLINE



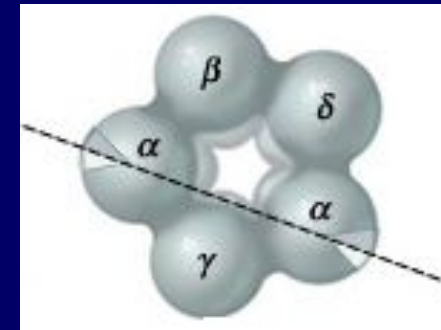


RÉCEPTEUR DE L'ACÉTYLCHOLINE

site de fixation de l'acétylcholine

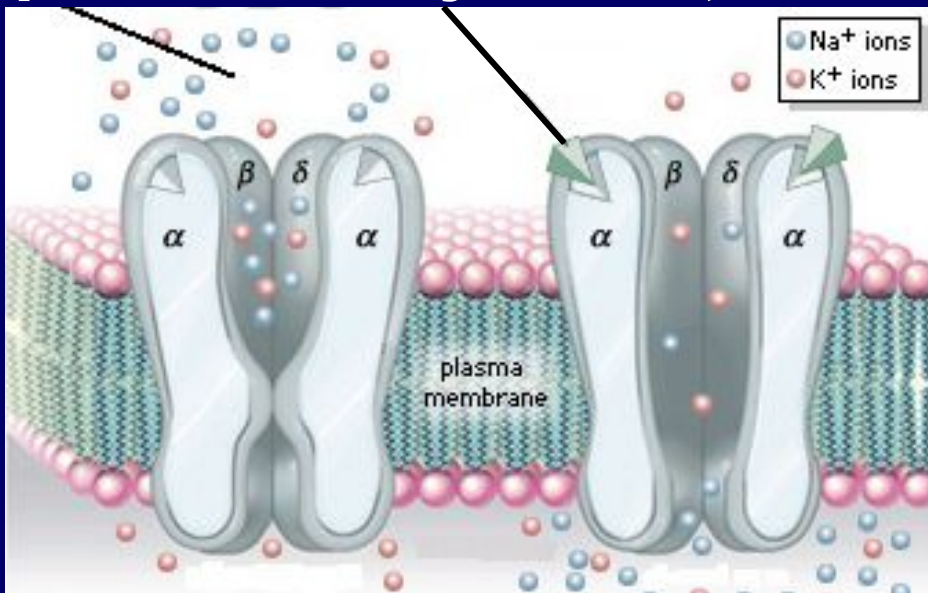


vue de dessus



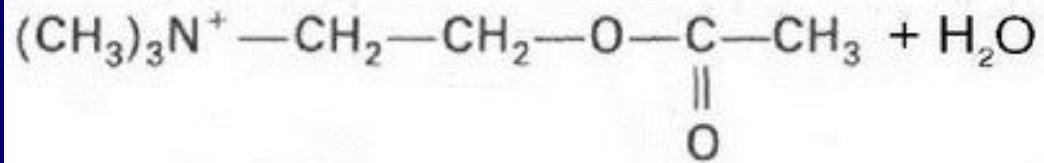
canal ionique

acétylcholine, lié au récepteur



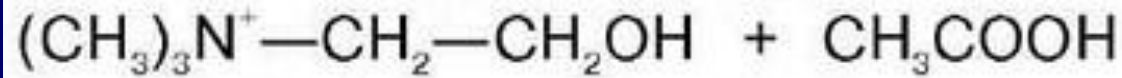
canal fermé

canal ouvert



acétylcholine

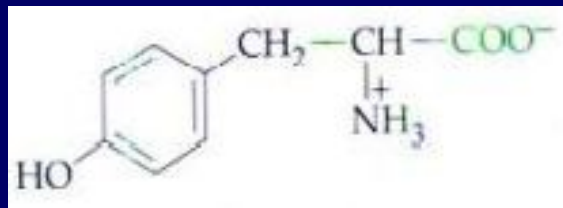
acétylcholinestérerase



choline

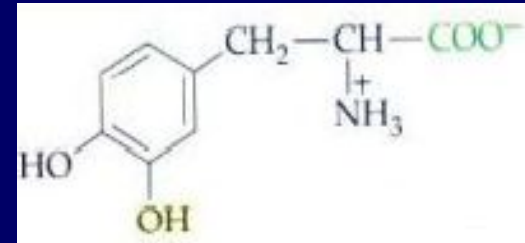
**acide
acétique**

SYNAPSES ADRÉNERGIQUES



tyrosine

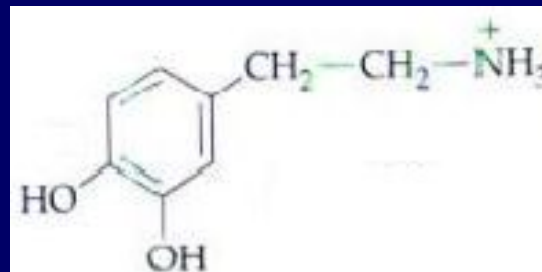
**tyrosine-
hydroxylase**



DOPA

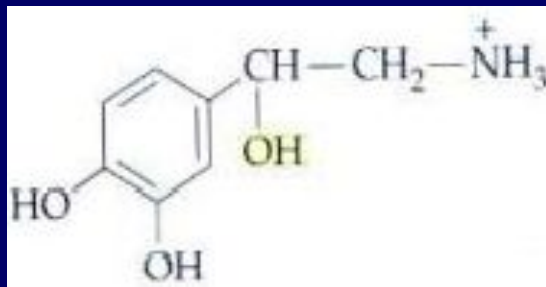
**DOPA-
décarboxylase**

CO₂

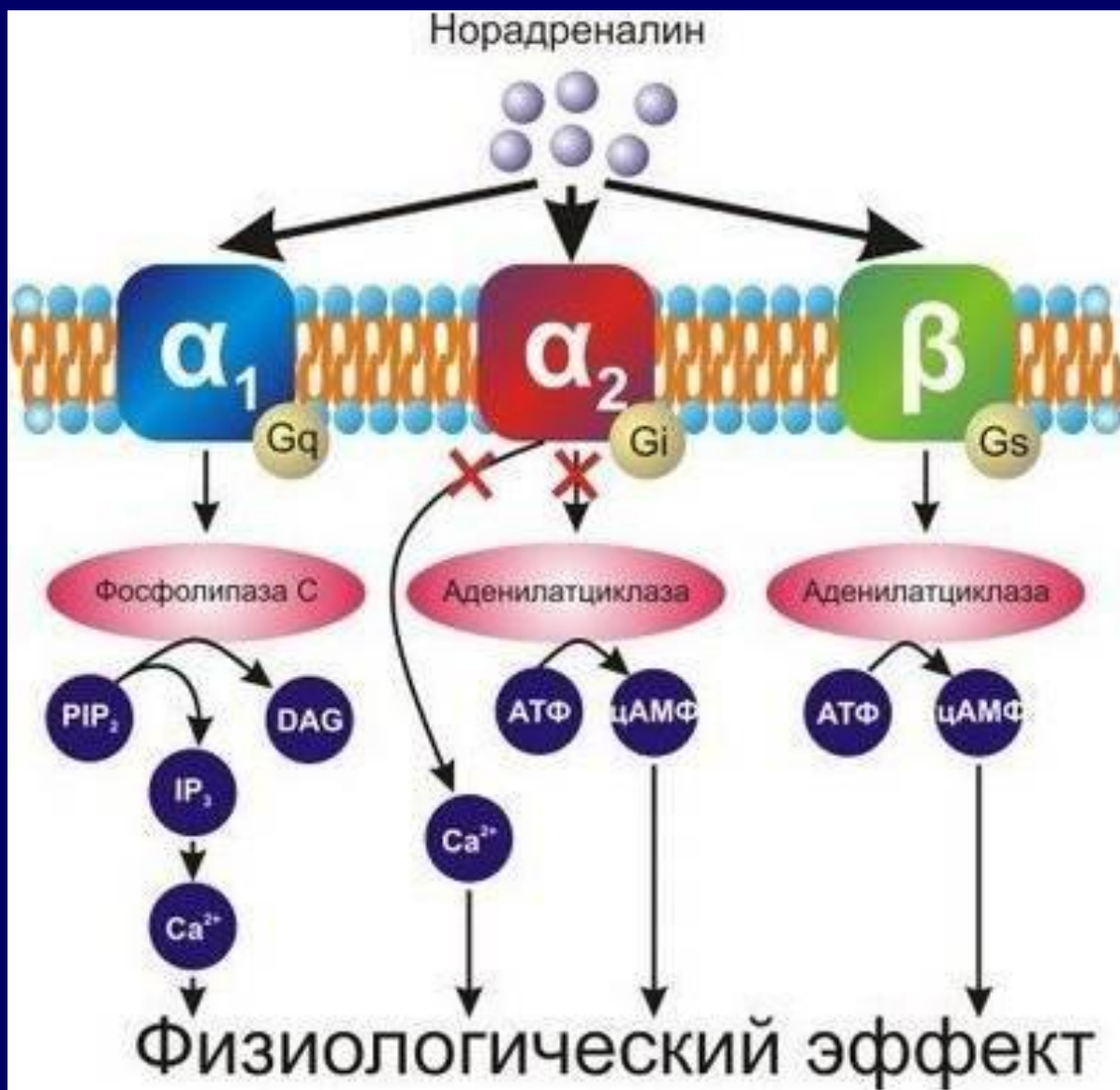


dopamine

**dopamine-
hydroxylase**



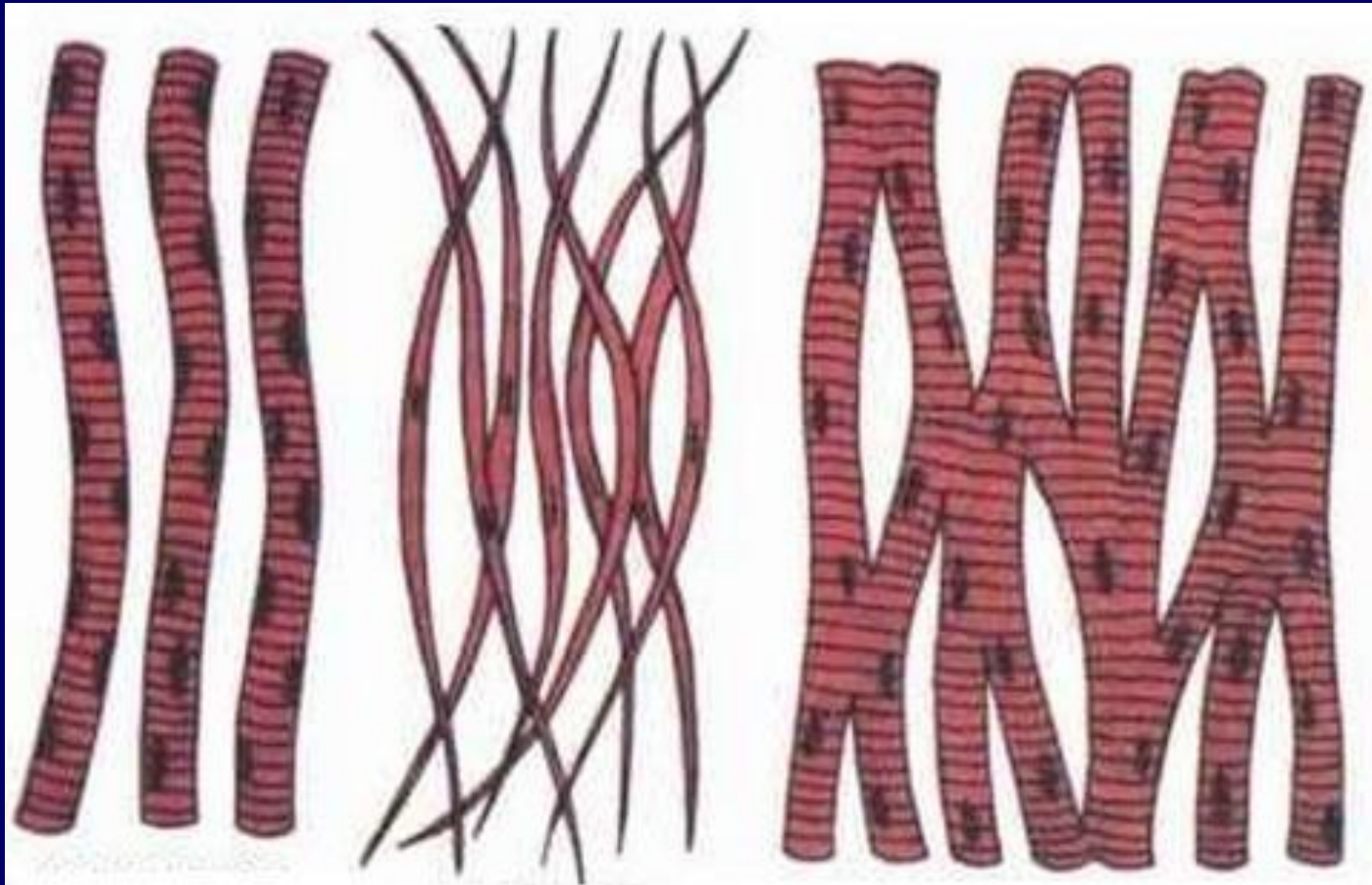
noradrénaline



BIOCHIMIE DU TISSU MUSCULAIRE



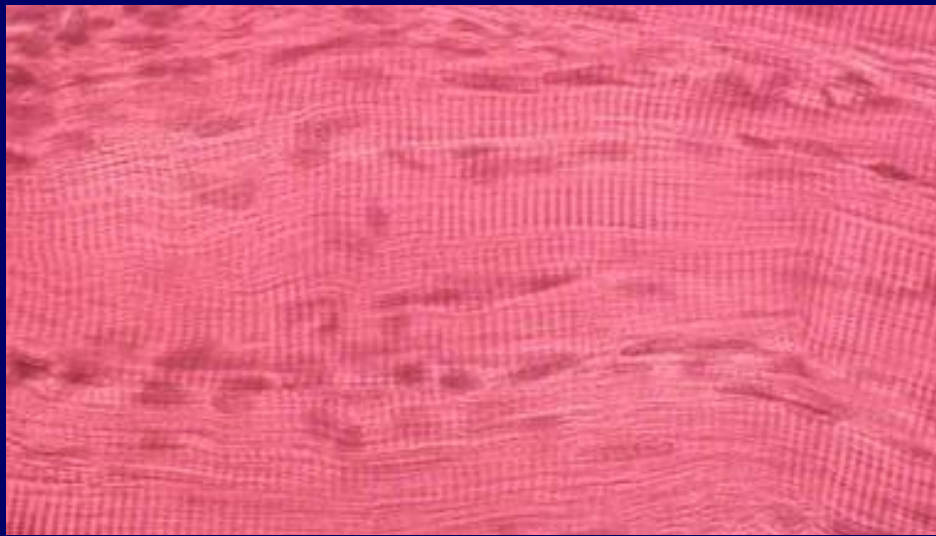
TYPES DE TISSU MUSCULAIRE



squelettique

lisse

**strié
cardiaque**



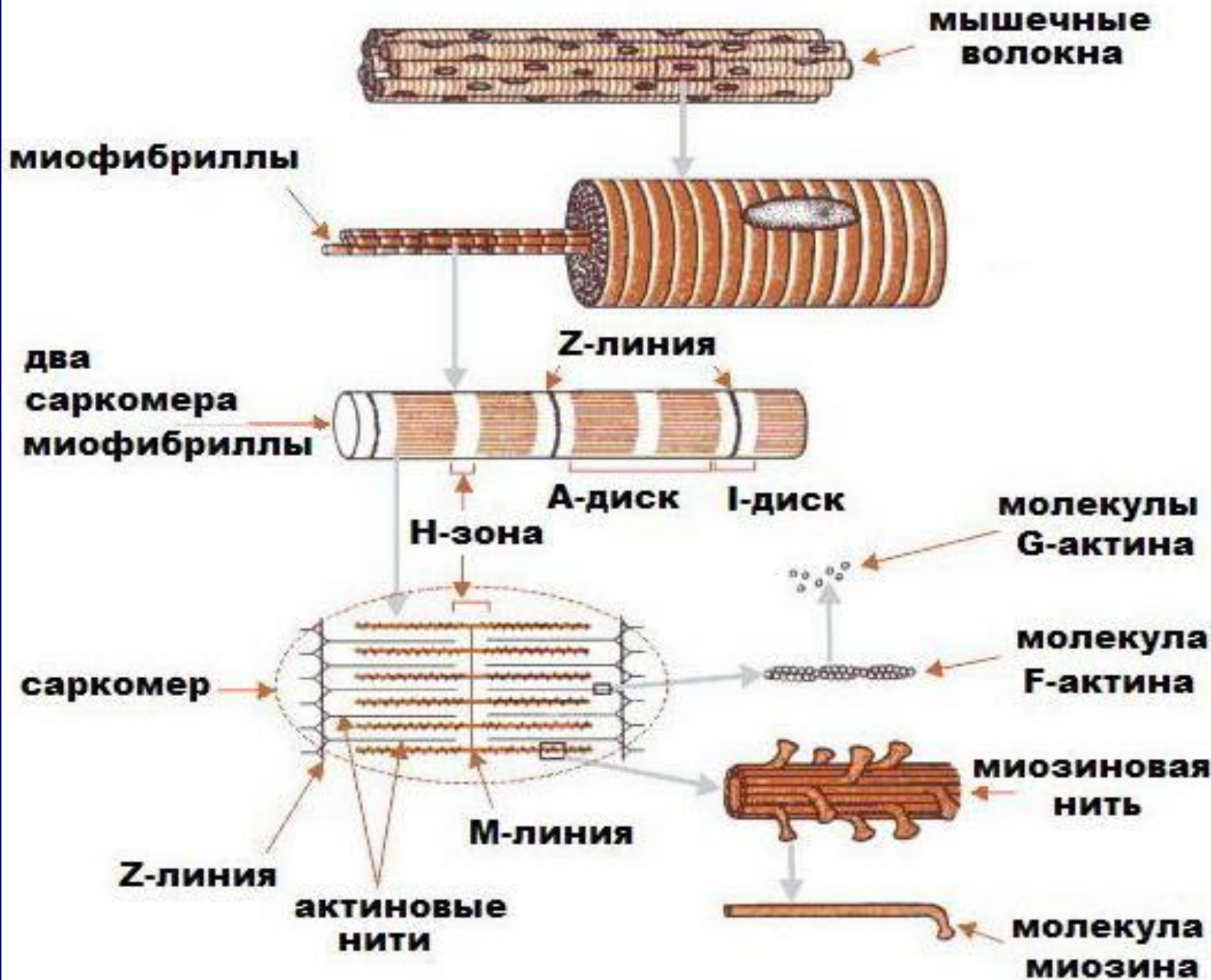
**tissu musculaire
squelettique**



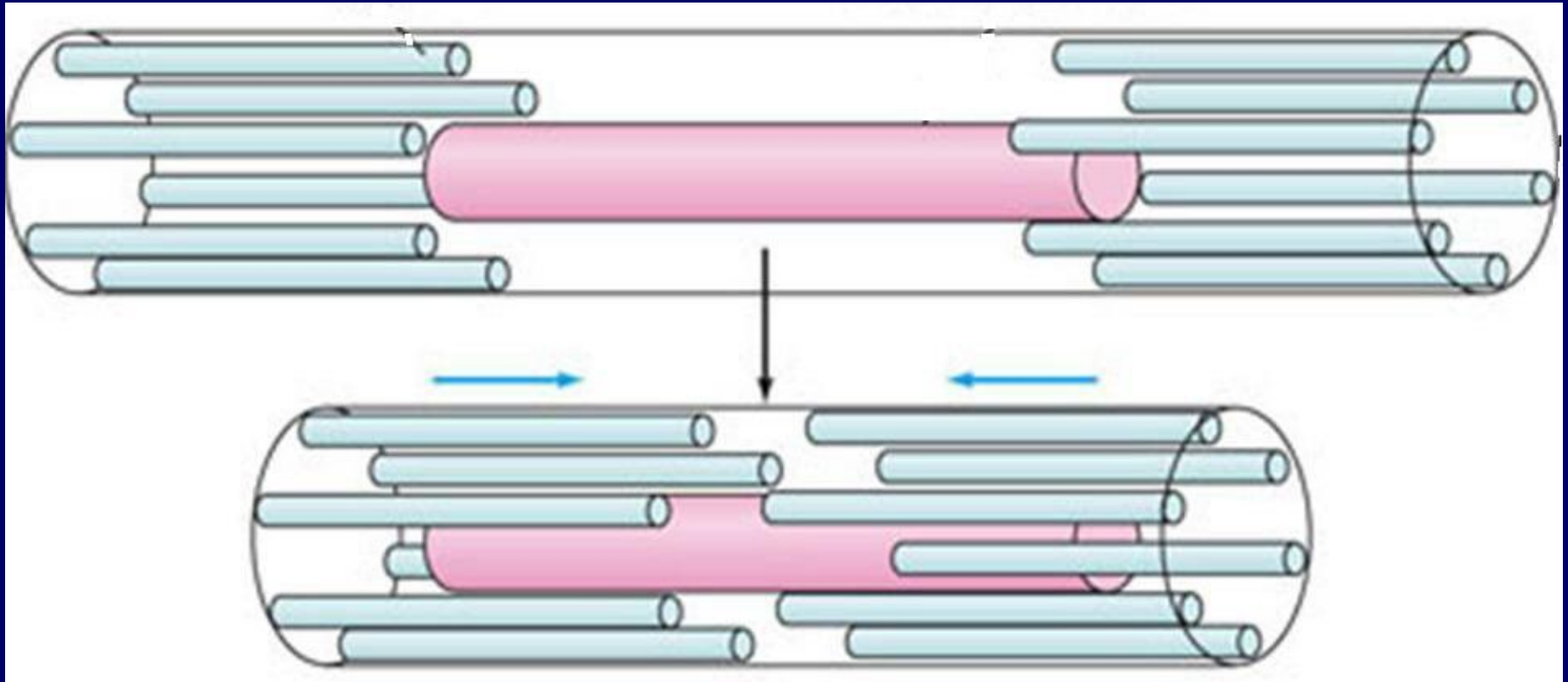
**tissu musculaire
lisse**



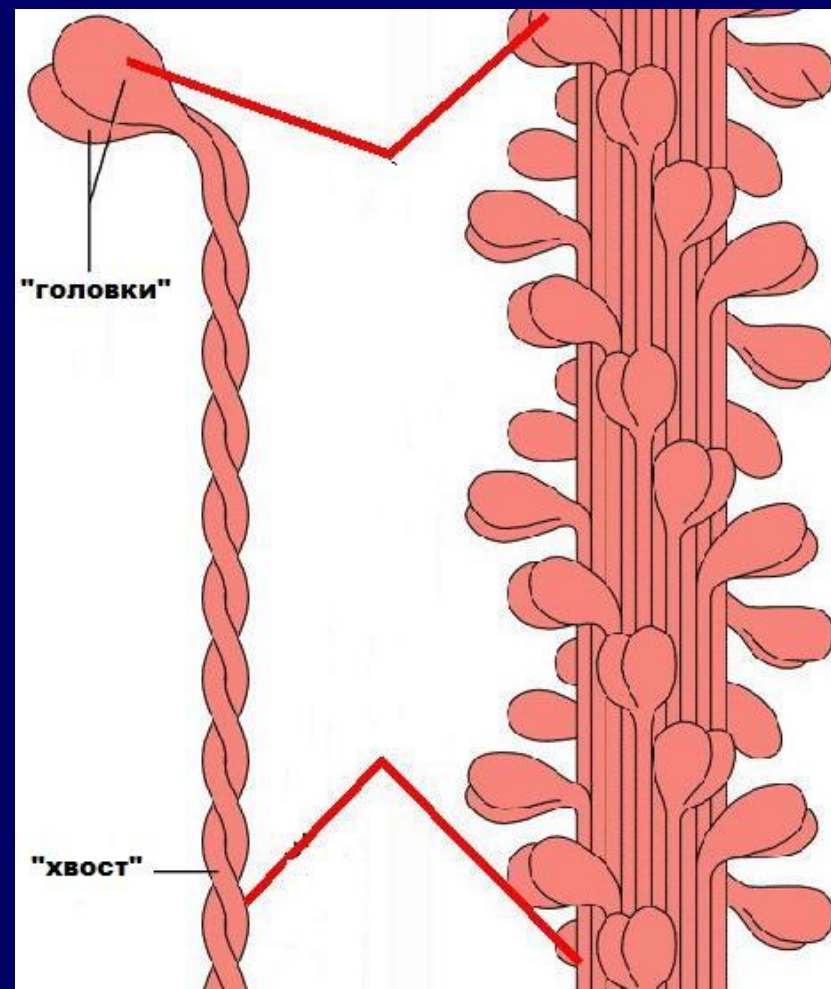
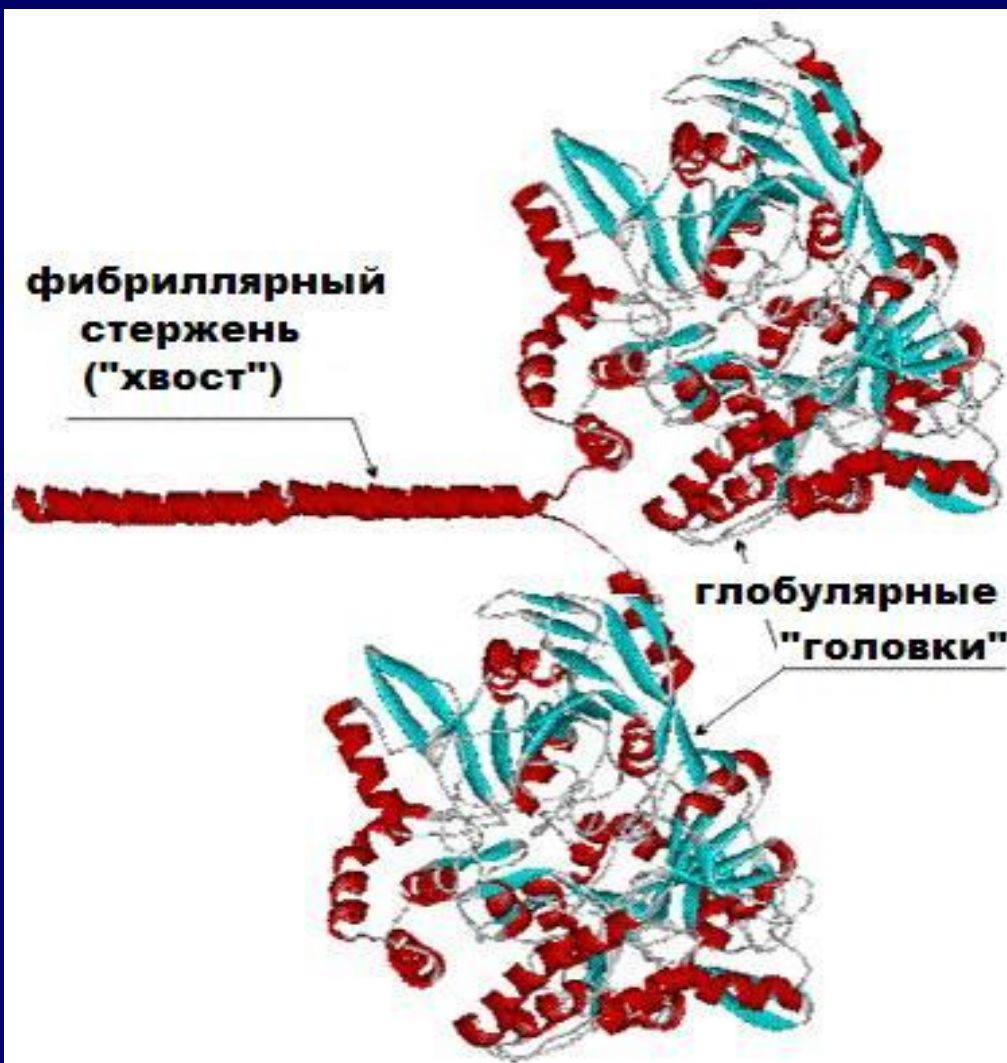
**tissu musculaire
cardiaque**



SUPERPOSITION DE FIBRES ÉPAISSES ET FINES LORS DE LA CONTRACTION MUSCULAIRE



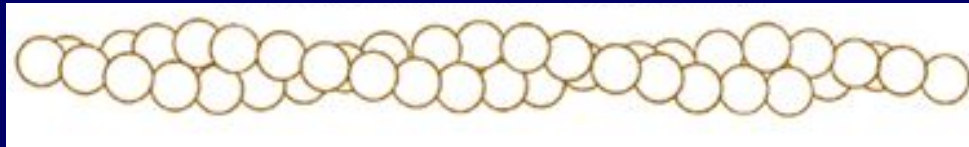
STRUCTURE D'UNE MOLÉCULE DE MYOSINE



STRUCTURE DE L'ACTINE



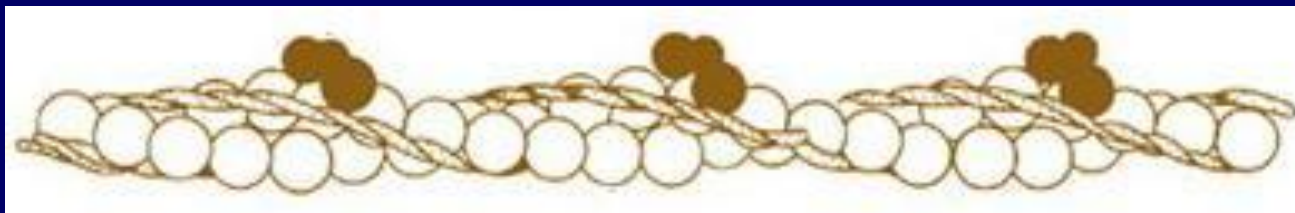
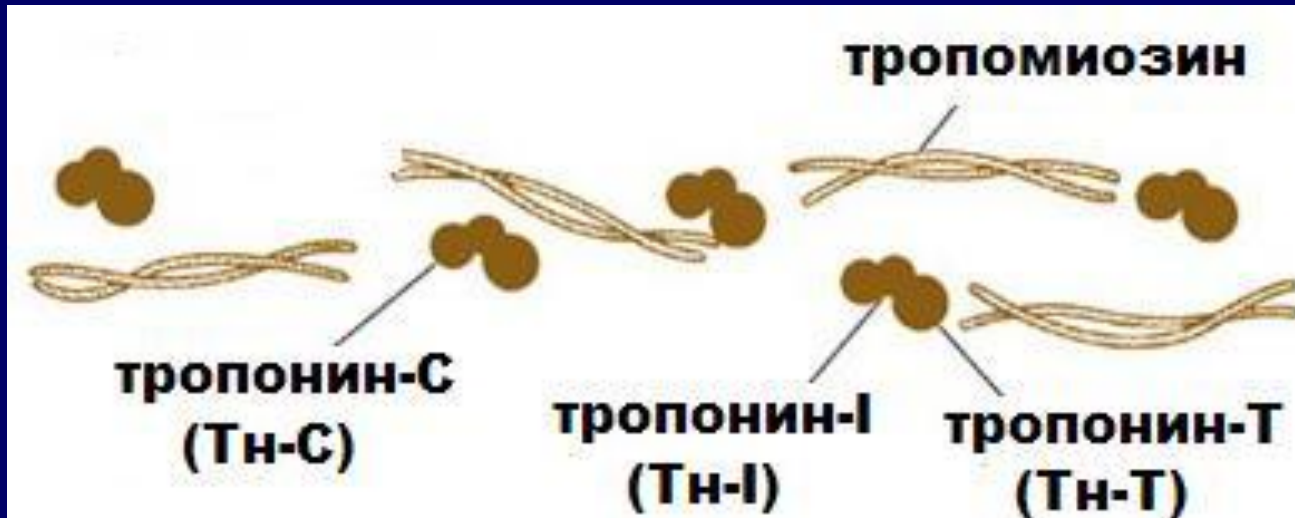
**molécules de
G-actine**



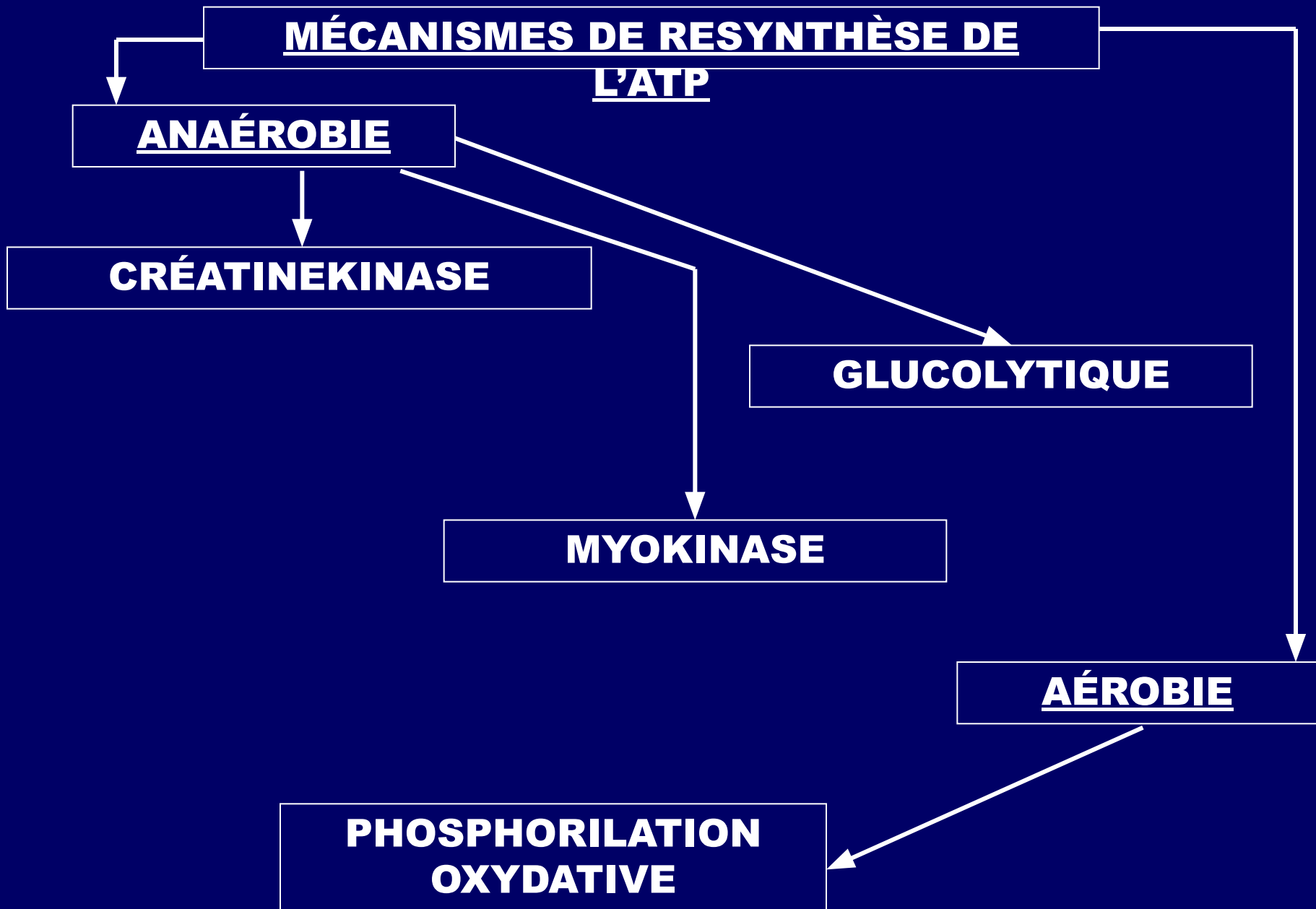
molécule de F-actine



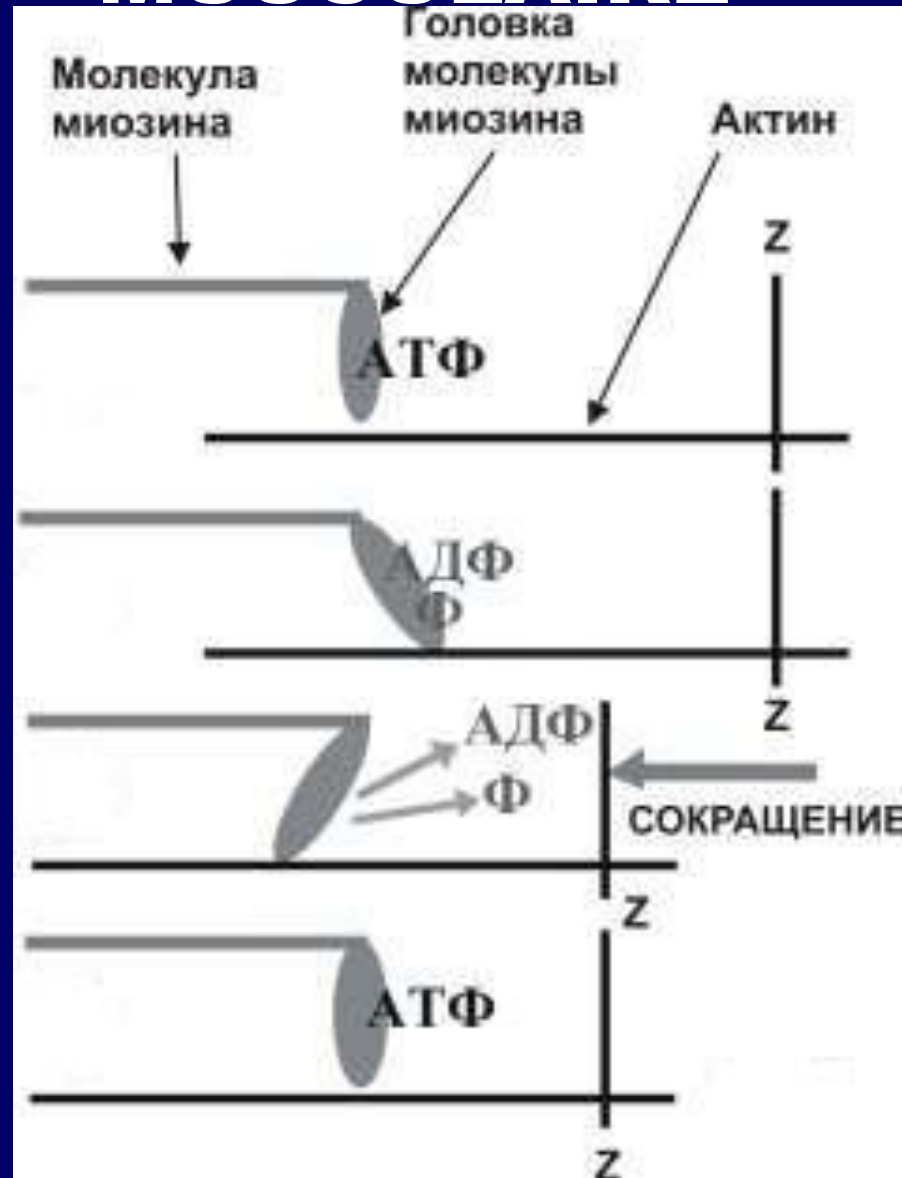
STRUCTURE DU FILAMENT FIN



filament d'actine



CYCLE DE LA CONTRACTION MUSCULAIRE



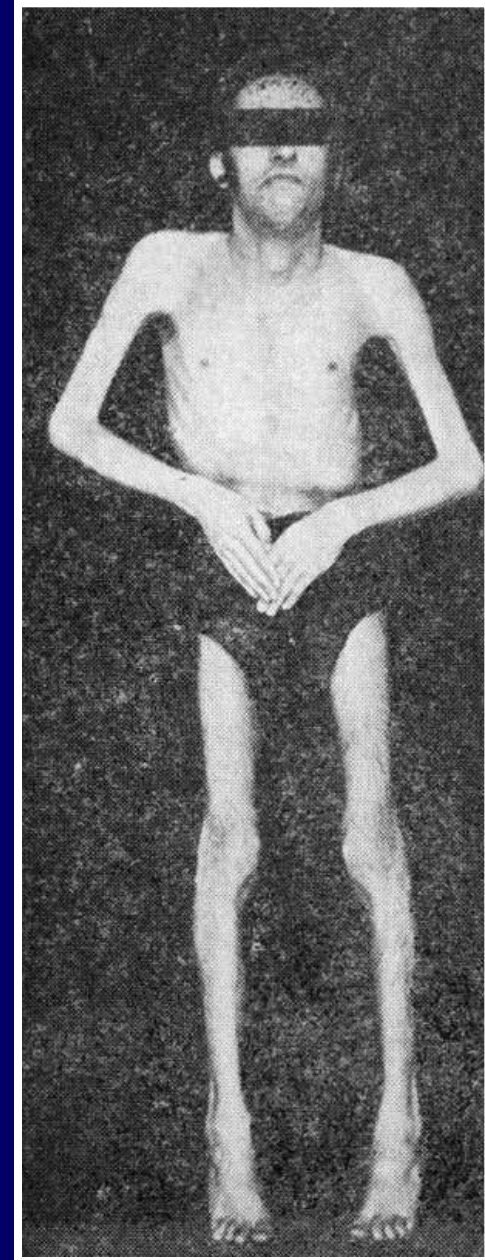
DYSTROPHIE MUSCULAIRE



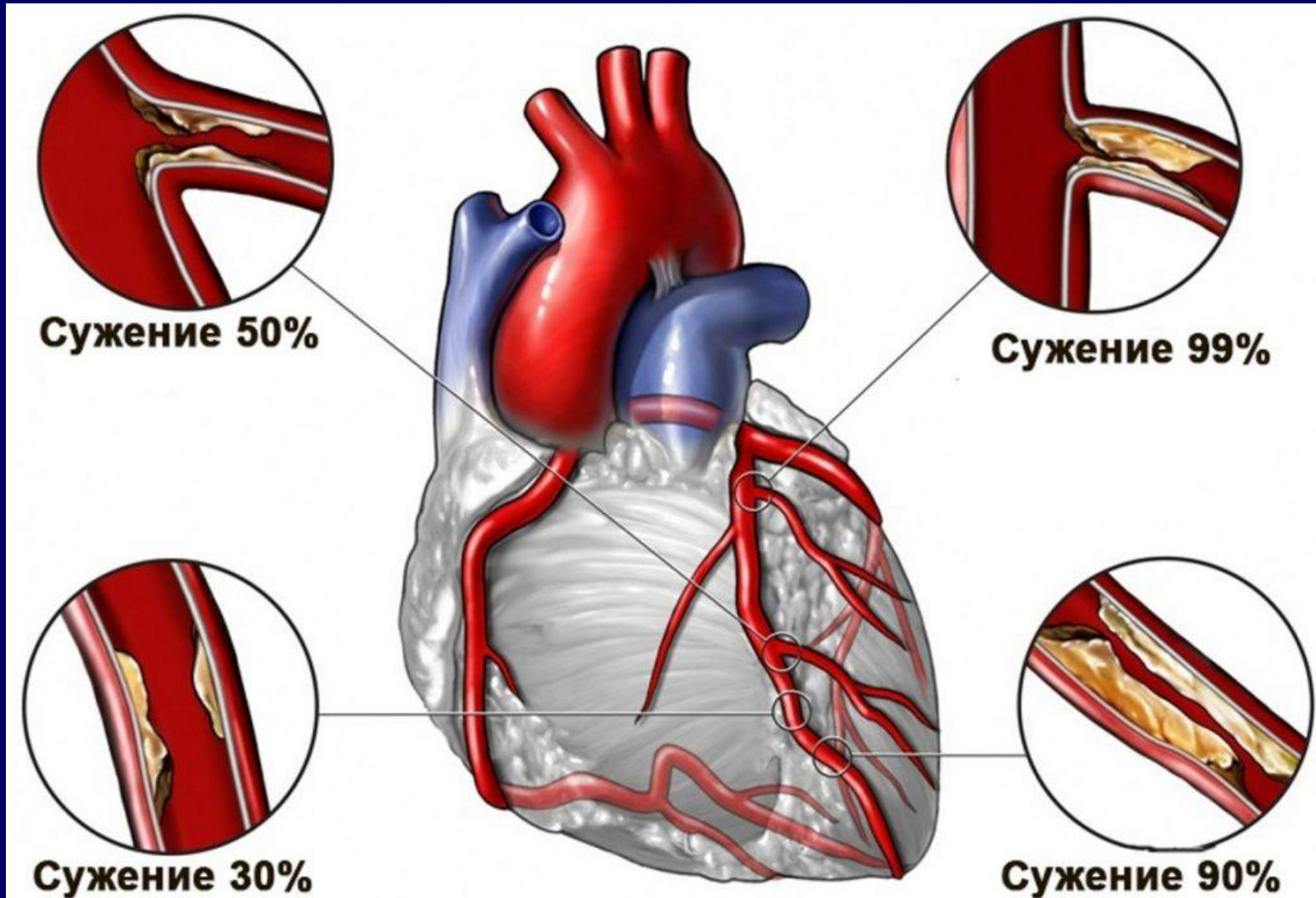
norme



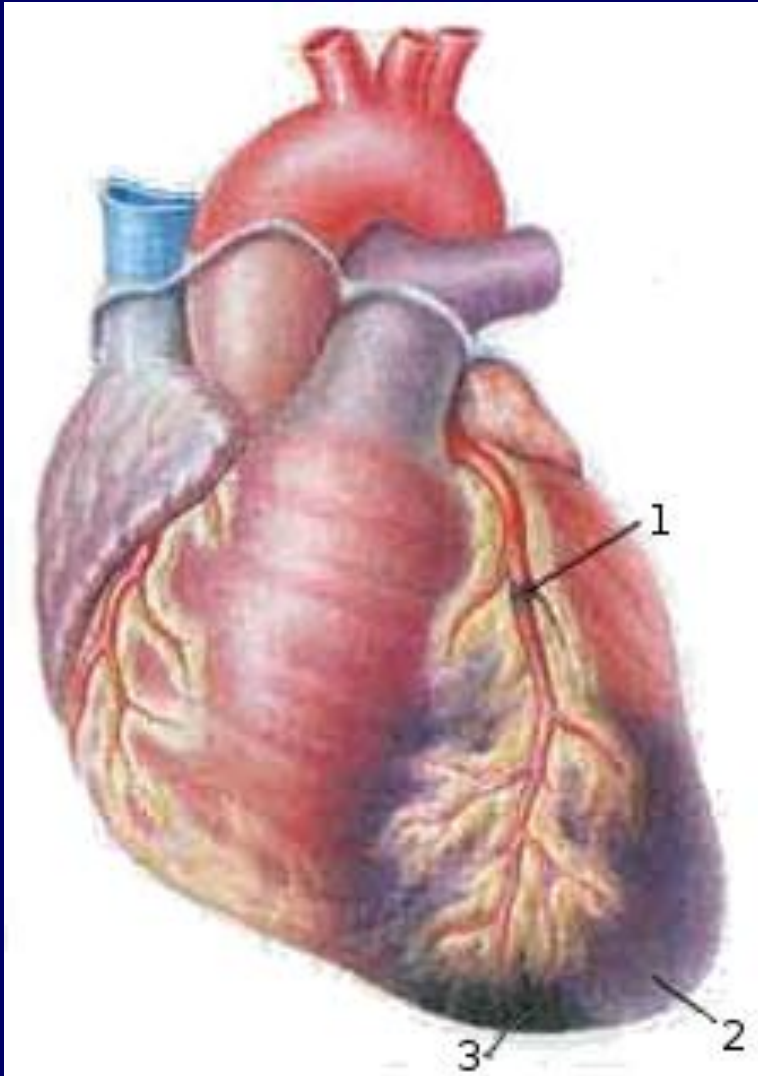
dystrophie



MALADIE ISCHÉMIQUE CARDIAQUE - AFFECTION DES ARTÈRES CORONAIRES:



INFARCTUS DU MYOCARDE



**1 – espace de l'obstruction
artérielle;**

2, 3 – infarctus (zones de nécrose).