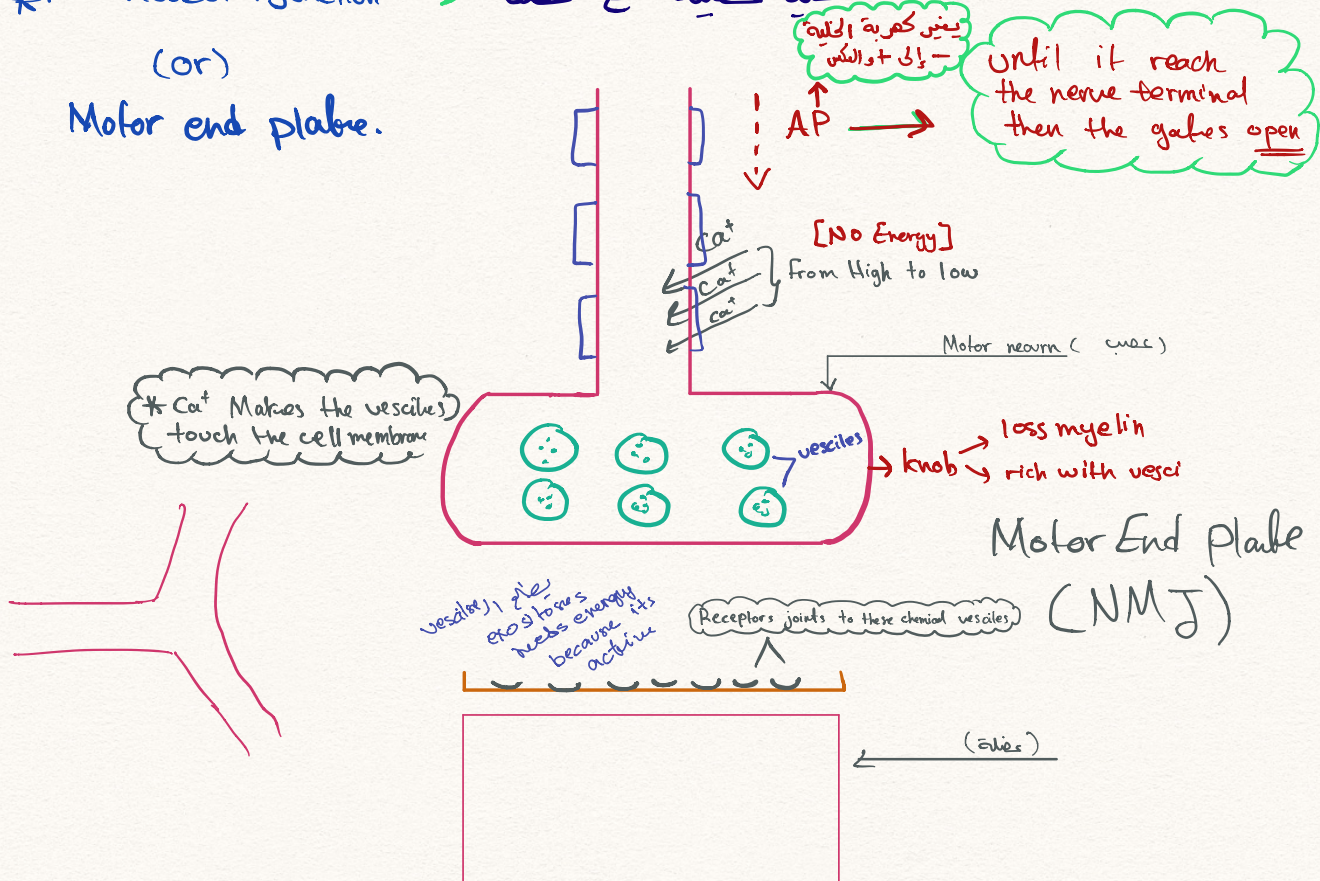


\* neurotransmitters → ينتقل من خلية إلى أخرى

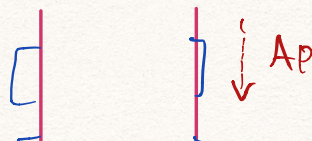
\* Synapse → المكان بين خليتين عصبيتين

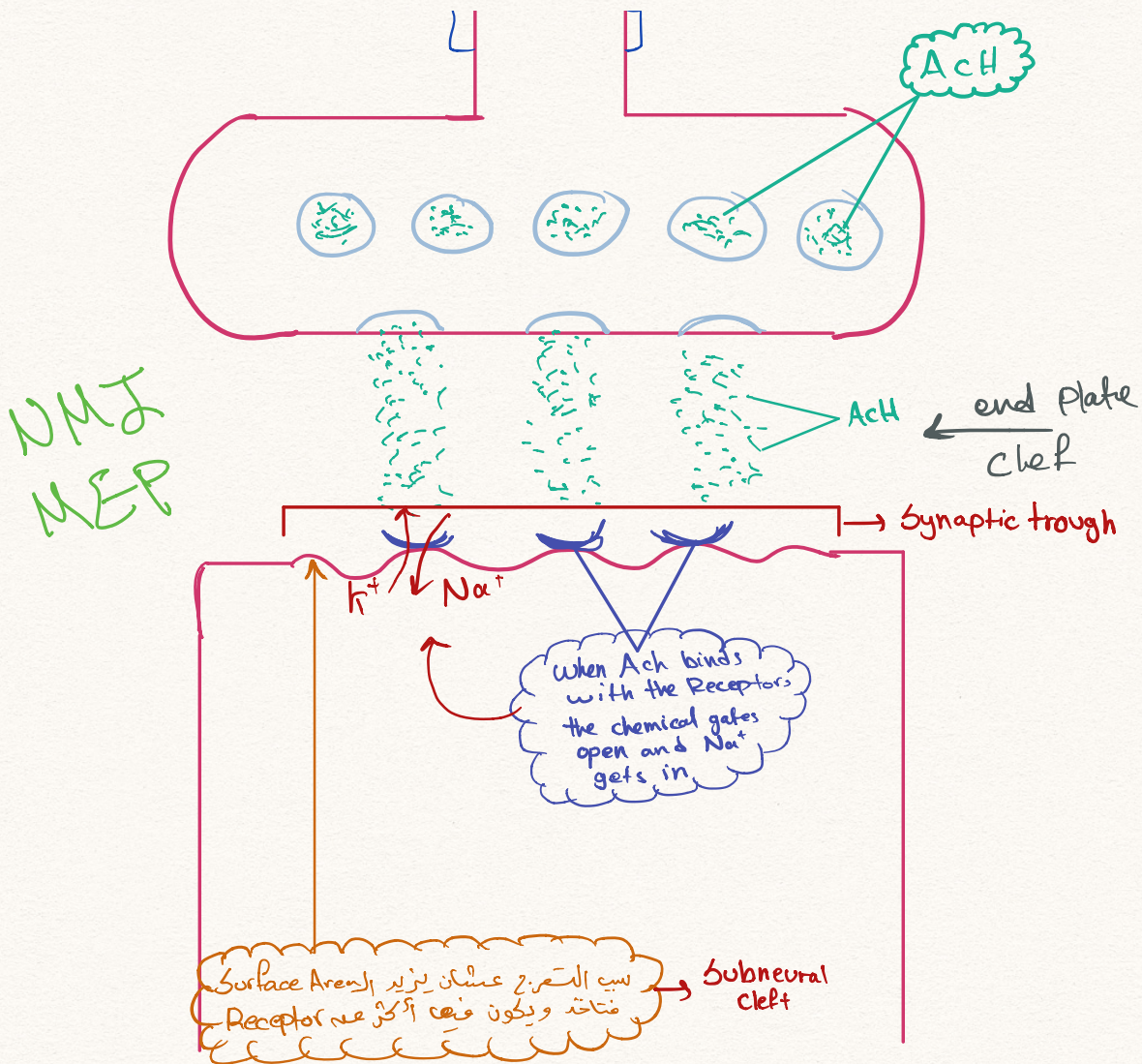
\* neuromuscular junction → خلية عصبية مع عتلة

(or)  
Motor end plate.



Second step





## Notes!

- \* We don't want to move the muscle how?  
there is ACh esterase  $\leftarrow$  (enzyme)  
that breaks the ACh and half of  
it turns back to the cell.

\* How can we keep the muscle contraction?  
with new AP and the same mechanism goes on

\* What the job of ACh?

opens the gates by binding with the Receptor  
that causes the chemical gates to open and  $\text{Na}^+$   
enters

You can do it ! ♥