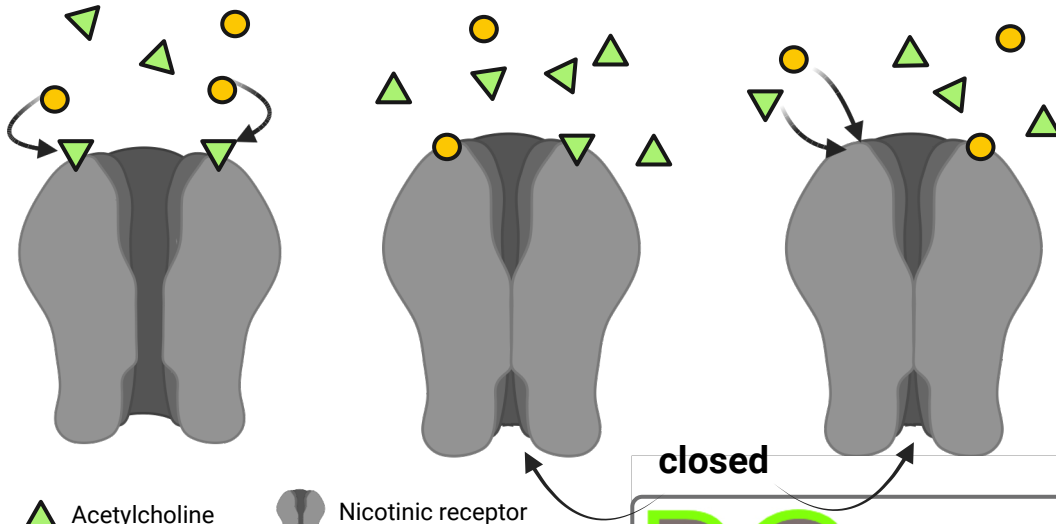
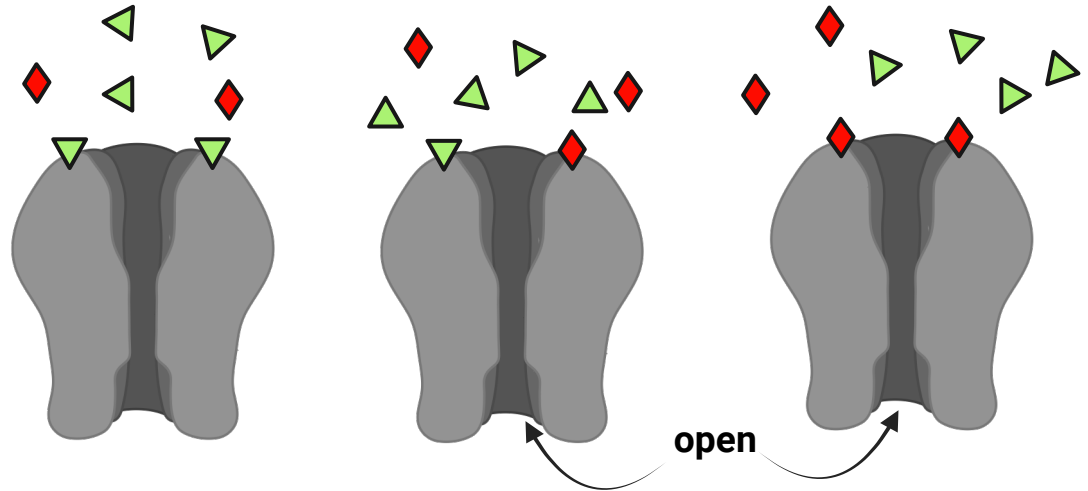


Succinylcholine Verses Nondepolarizing Neuromuscular Blocking Agents

With a **depolarizing** NMB (succinylcholine), channels on nicotinic receptors are locked open until the drug is metabolized by plasma pseudocholinesterase



Nondepolarizing NMBs, competitively inhibit acetylcholine. When a NDNMB binds to *either ACh binding site* (nicotinic receptor), the channel will remain closed until the drug is metabolized

- ▲ Acetylcholine
 - ◆ Succinylcholine
 - Nondepolarizing Neuromuscular blocker
- Nicotinic receptor