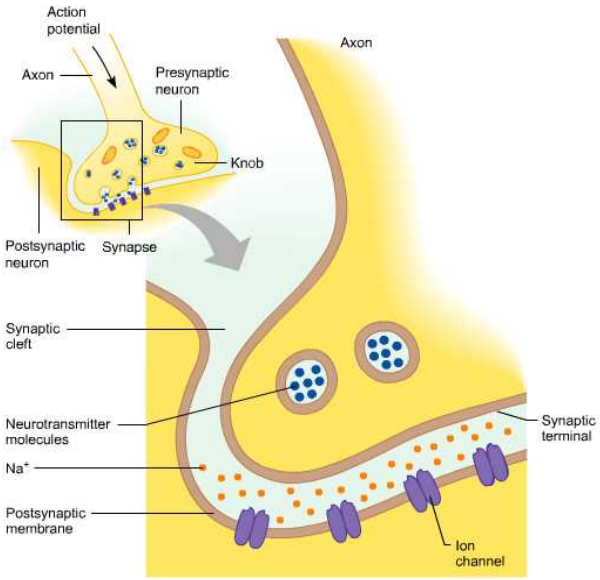
Drug Actions

Use these tables to keep track of the ways in which drugs can affect the nervous system and what symptoms are associated with what drug actions



Drug Action	Action Potentials (More/Fewer)	Effect (Paralysis/Seizures)
Blocks post-synaptic receptors		
Holds Na^+ channels open		
Prevents release of neurotransmitters		
Holds K^+ channels open		
Blocks breakdown of neurotransmitters		
Holds Na^+ channels closed		
Enhances release of neurotransmitters		
Holds K^+ channels closed		
Inhibits Na^+- K^+ pump		

Symptom	Blocks post-synaptic receptors	Holds Na^+ channels open	Prevents release of neuro-transmitters	Holds K^+ channels open	Blocks breakdown of neuro-transmitters	Holds Na^+ channels closed	Enhances release of neuro-transmitters	Holds K^+ channels closed	Inhibits Na^+- K^+ pump
Paralysis									
Seizures									

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