

Neurotransmitter Table

*** To be completed throughout course and submitted in Week 8***

Neuro transmitter	Receptor Subtype	Location/Function/Effects /symptoms of excess or deficit if applicable	Distribution (ie: CNS/PNS, GI, vascular)	Drug classes that target this neurotransmitter or receptor	Specific m this neuro
Glutamate	AMPA	<p>α-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA)-type glutamate receptors (AMPA receptors) mediate the majority of fast excitatory synaptic transmission in the brain.</p> <p>AMPA receptors are abundant and widely distributed in the central nervous system. Hippocampus, outer layer of the cortex, basal ganglia, olfactory regions, lateral septum, and amygdala of the CNS are all enriched with GluA1, GluA2, and GluA3 subunits.</p>	CNS	AMPA Receptor Antagonists	
	NMDA	<p>N-methyl-D-aspartate (NMDA) receptors represent one of the ligand-gated non-selective ionotropic glutamate receptors (iGluRs), which</p>	CNS NMDA receptors are found in both synaptic and extrasynaptic	NDMA Glutamate Antagonist	NDMA