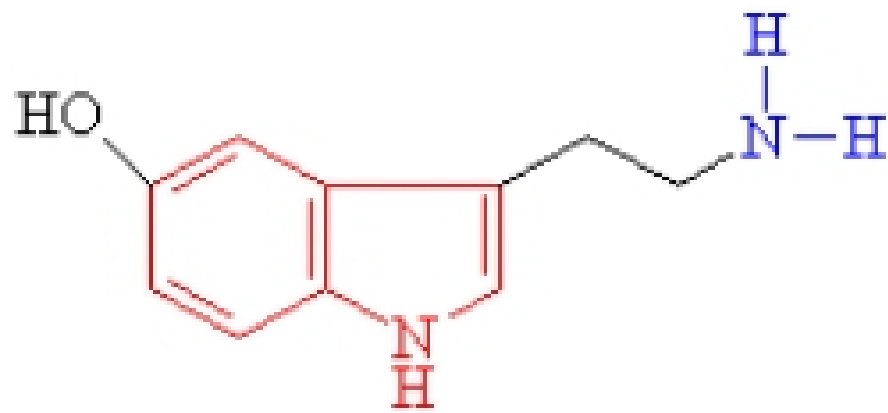


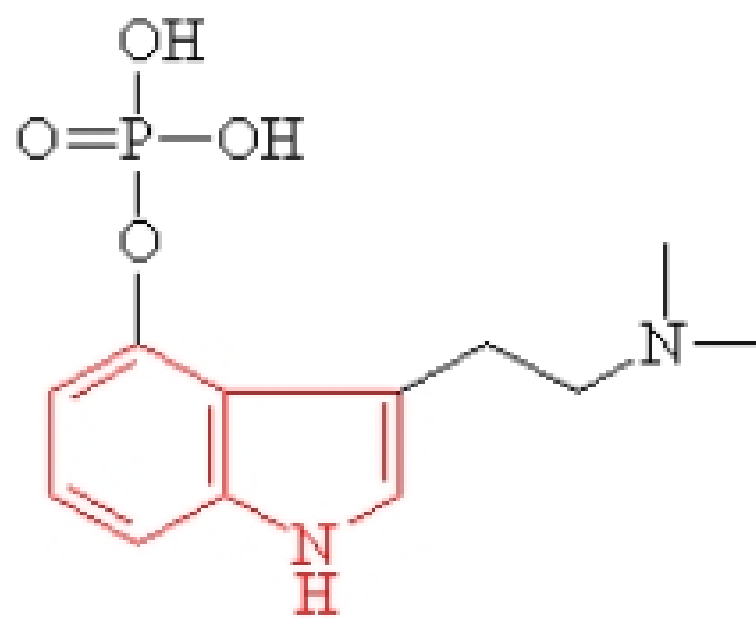
BRAIN BASICS

Psychoactive Drugs alter how our brain processes information and, thus, can change our perceptions, emotions, thinking, and consciousness.

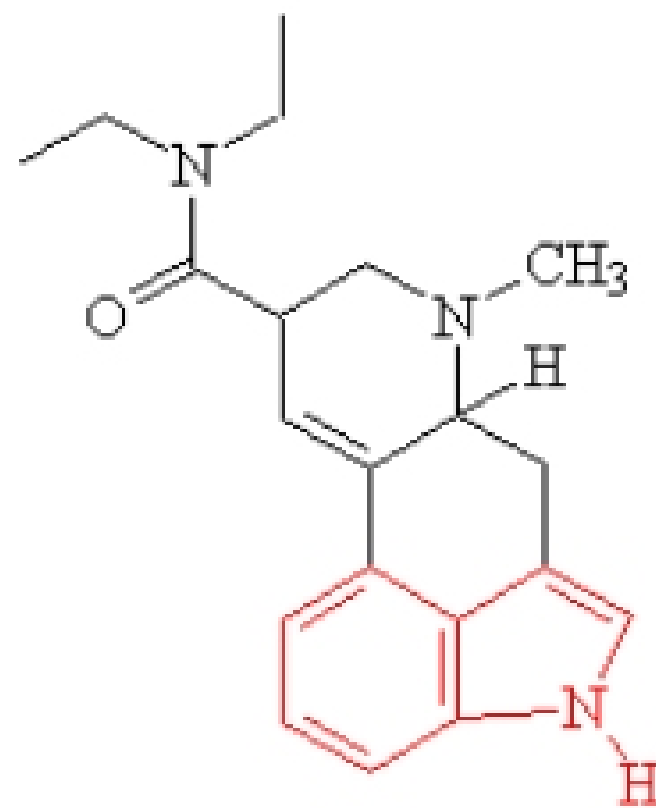
Drugs work by mimicking or blocking neurotransmitter action



SEROTONIN MOLECULE



PSILOCYBIN



LSD

I. NEURONS

A). Structures of Neurons:

- 1. Dendrites:**
- 2. Soma:**
- 3. Axon:**
- 4. Axon Terminal:**

B). Information Processing

Neurons communicate via electrical & chemical means

1. Electrical: Within a Neuron

- Resting Potential

- Action Potential

2. Chemical: Between Neurons

-Release Of Neurotransmitter

-Effect on Next Neuron

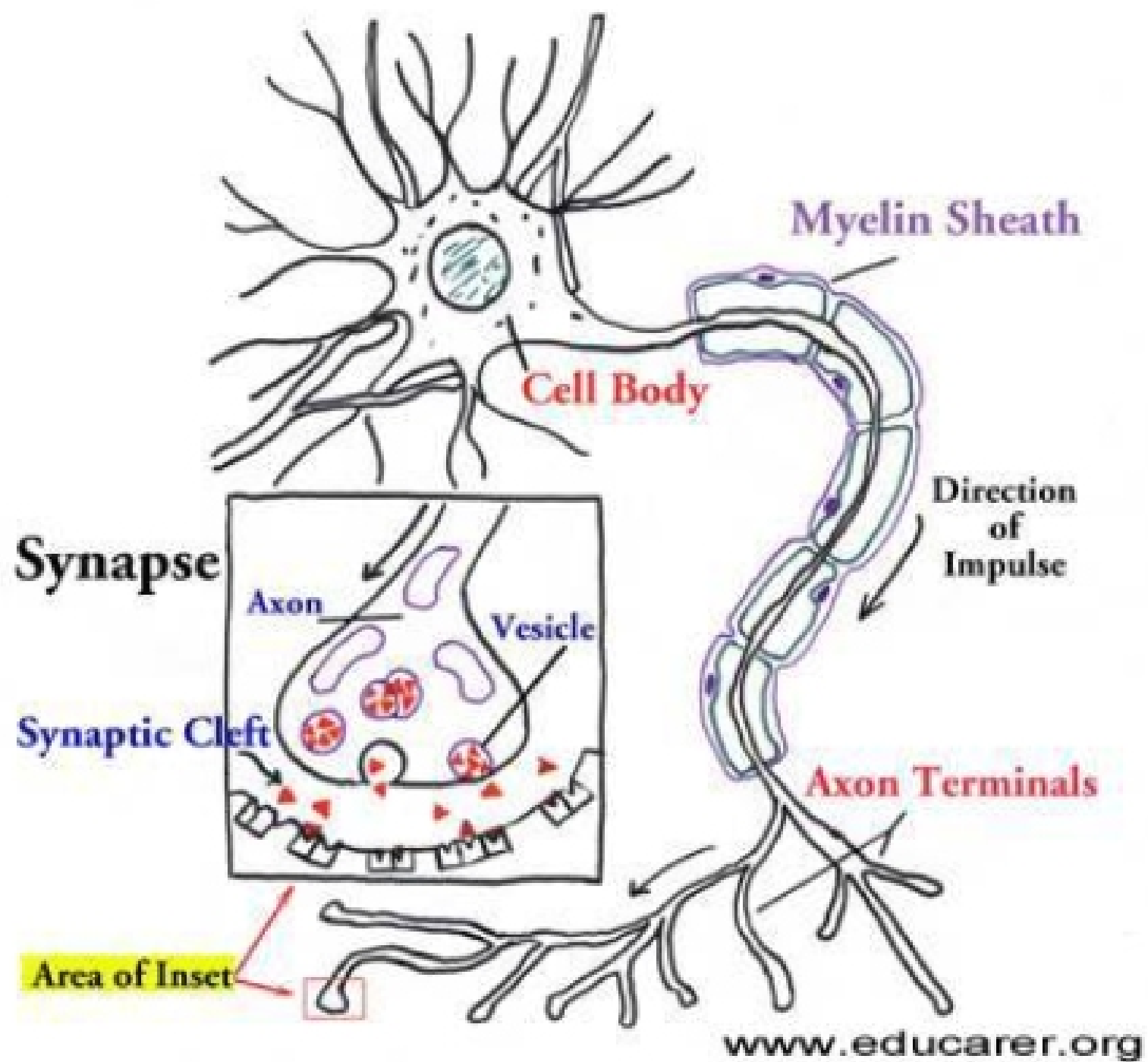
Action Potential Graphics

<http://outreach.mcb.harvard.edu/animations/actionpotential.swf>

Synaptic Transmission

<http://outreach.mcb.harvard.edu/animations/synaptic.swf>

NERVE AXON



II. SYNAPTIC TRANSMISSION

A). Parts of the Synapse

1. Pre-synaptic Terminal
2. Synaptic Cleft
3. Post-synaptic Receptor