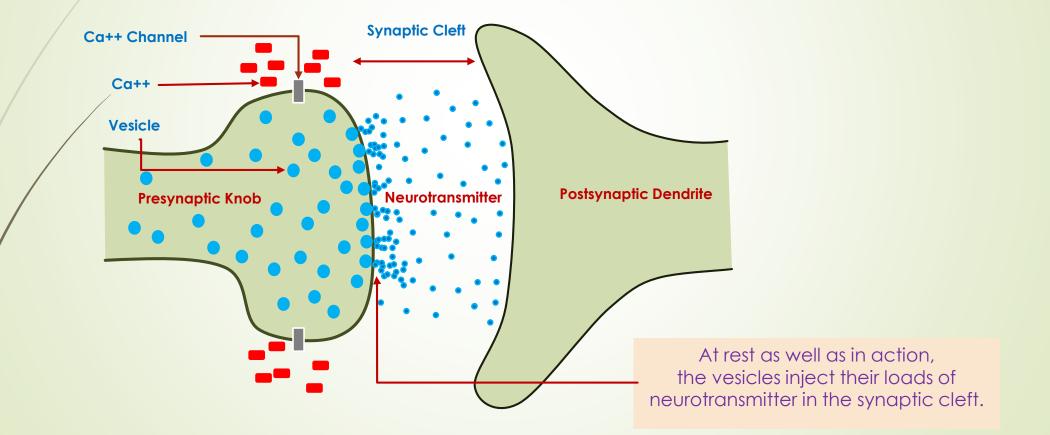
# The Neural Conduction in Synapses (Personal View)

**AMMAR YASEEN MANSOUR** 

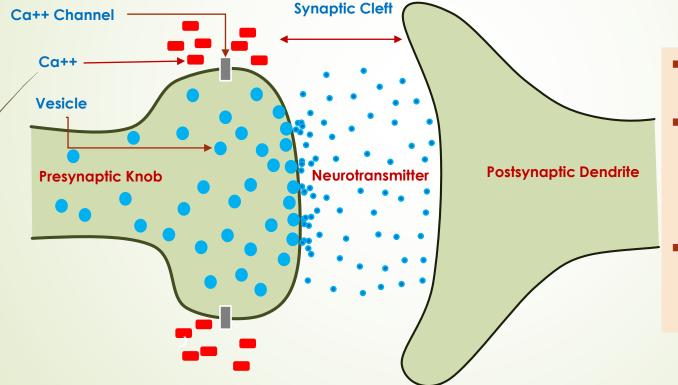
# **Neural Conduction in Synapses**

At Rest as well as in Action, The Neurotransmitter Fills the Synaptic Cleft



## **Neural Conduction in Synapses**

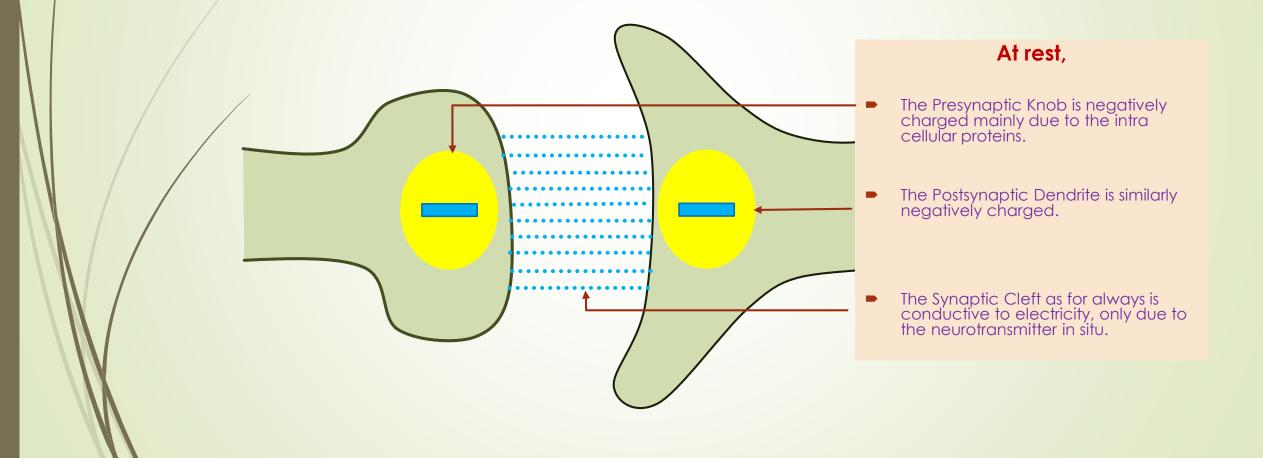
At Rest as well as in Action, The Neurotransmitter Fills the Synaptic Cleft



- Originally, the synaptic cleft is a nonconductive of electricity.
- At rest as well as in action, the neurotransmitter fills the space of the synaptic cleft, and renders it conductive to electricity.
- Therefore, the synaptic cleft is permanently conductive to electricity.

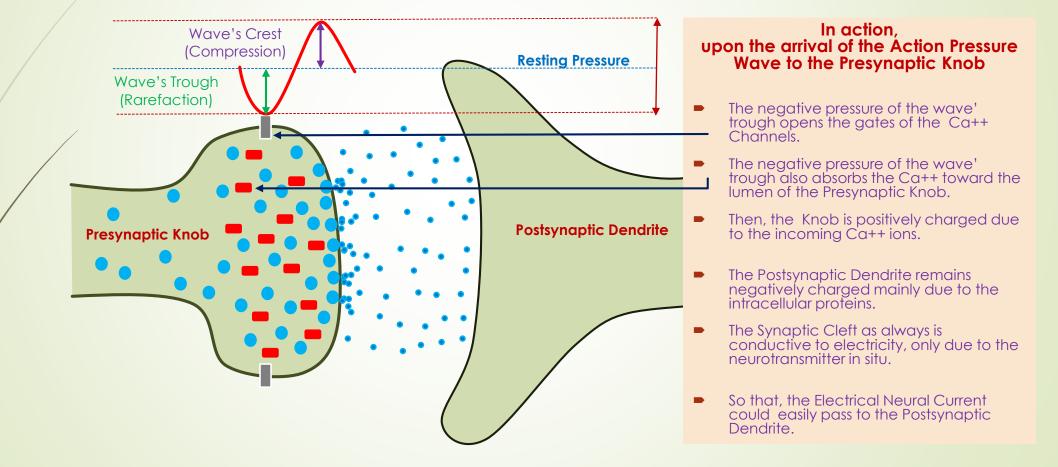
### **Neural Conduction in Synapses**

At Rest as well as in Action, The Synaptic Cleft is Conductive to Electricity

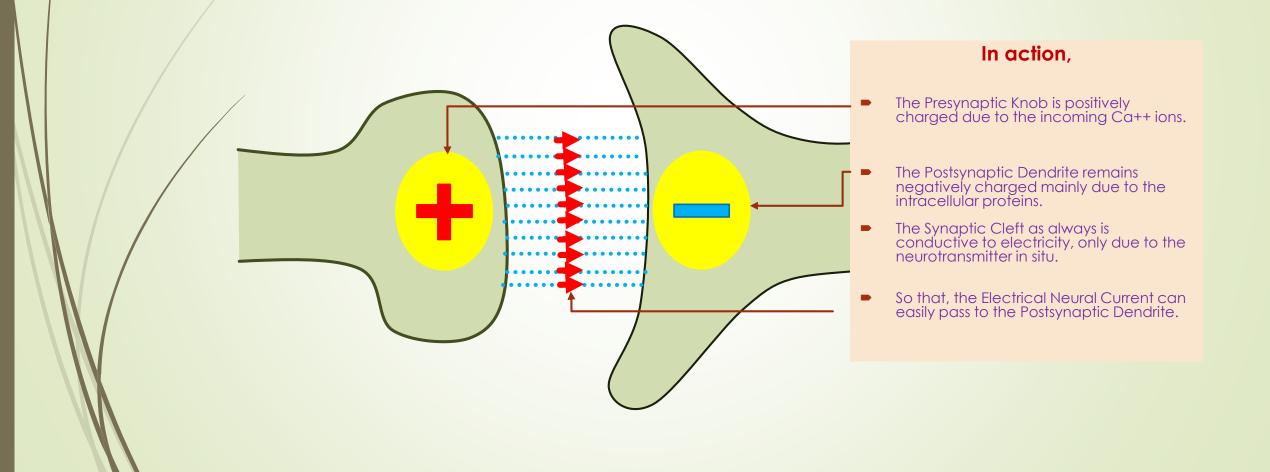


### Neural Conduction in Synapses In Action,

#### The Ca++ Channels open the Gates, and Ca++ lons Come in



#### Neural Conduction in Synapses In Action, The Presynaptic Knob is Positively Charged



#### In the same context, one could read:

- The Neural Conduction (Innovated Conception)
- Neural Conduction in Neural Fiber (PowerPoint Presentation)
- The Sensory Receptors, The Genius of Creation and the Beauty of Creature (Innovated Conception)
- The Neural Conduction in the Synapses (Innovated Conception)
- The Node of Ranvier, the Equalizer (Innovated Conception)
- The Node of Ranvier, the Equalizer (PowerPoint Presentation)
- The Philosophy of Pain, Pain Comes First (Innovated Conception)
- The Philosophy of Form, (Innovated Conception)
- The Spinal Injury, the Pathology of the Spinal Shock, the Pathology of the Hyperreflexia (Innovated Conception)
- The Nerve Conduction Study, The Wrong Hypothesis is the Origin of the Misinterpretations (Innovated Conception)
- The Wallerian Degeneration, Attacks the Motor Axons of Peripheral Nerve, while Conserves its Sensory Axons(Innovated Conception)

# THANK YOU