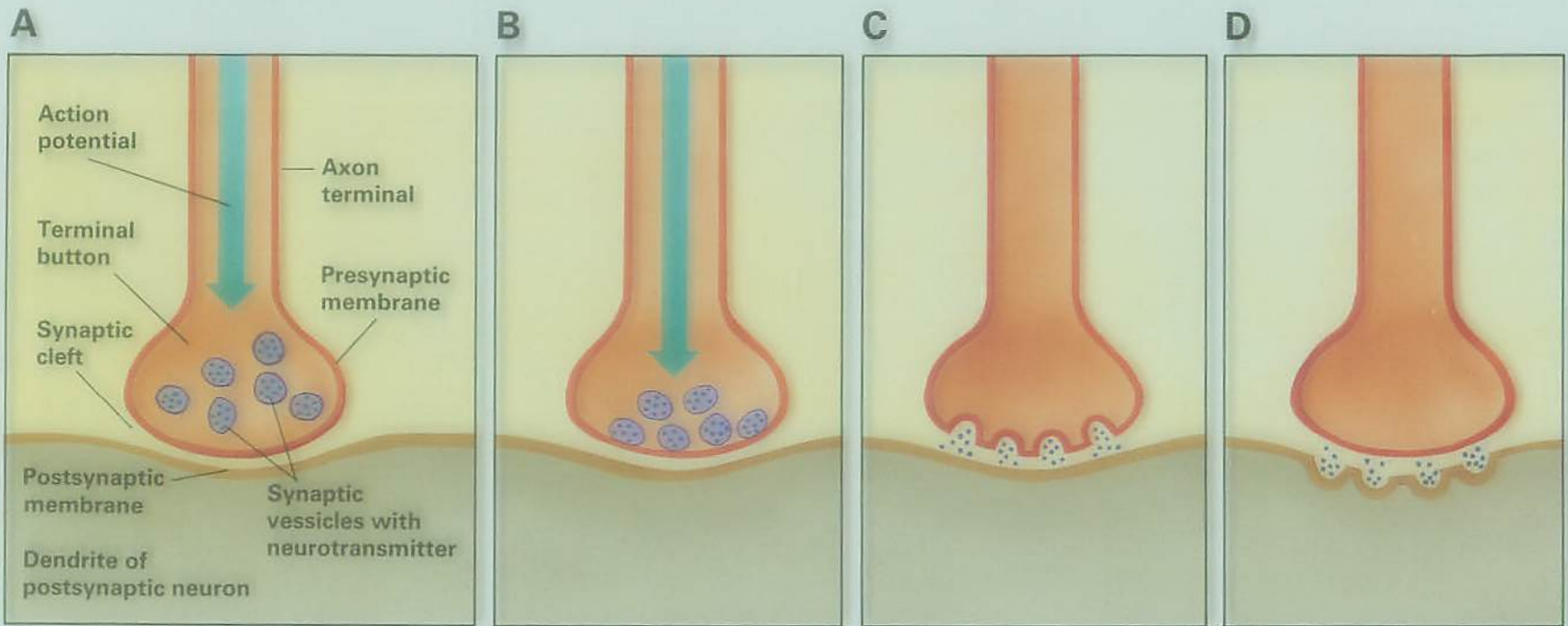




# Synaptic Transmission



**A**

Action potential

Terminal button

Synaptic cleft

Postsynaptic membrane

Dendrite of postsynaptic neuron

Axon terminal

Presynaptic membrane

Synaptic vesicles with neurotransmitter

**Action potential stimulates synaptic vesicles to move toward and fuse with the terminal button.**

**B**

**Synaptic vesicles fuse with the interior surface of the terminal button.**

**C**

**Synaptic vesicles rupture, releasing neurotransmitters across the synaptic cleft.**

**D**

**Neurotransmitters make contact with receptor molecules in the membrane of the postsynaptic neuron.**

Align the document to the top of the sheet, and the folded portion to the top-right corner.  
 • Caliez le document dans la partie supérieure du transparent, la partie pliée, orientée vers le coin droit.  
 • Richten Sie das Dokument am oberen Ende des Trägerblattes, und das gefaltete Ende an der Ecke rechts-oben aus.  
 • Allineare il documento alla parte superiore del trasportatore fogli, e la parte piegata del documento all'angolo in alto a destra.  
 • Alinee el documento pegándolo al borde superior y el doblez del documento al borde derecho del portador de hojas.  
 • 把文件对齐装订的上端，并把折叠的部分对齐右上角。

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