

Order the steps of how neurons communicate

1

A nerve impulse causes the vesicle to merge with the cell membrane. It then releases the neurotransmitters into the synapse through exocytosis.

2

The binding of the neurotransmitter causes the dendrites to generate a nerve impulse that travels to the cell body.

3

Vesicles near to end of the axon terminal store neurotransmitters.

4

The neurotransmitter binds to receptors at the end of the dendrites of the next neuron.