



Properties of an organic neuron:

1. **All-or-Nothing** -- It either fires completely or not at all.
2. **Temporal Summation** – It can be made to fire by triggering one dendrite receptor repeatedly over time.
3. **Spatial Summation** – It can be made to fire by triggering several of its dendrite receptors simultaneously or virtually so.
4. **Latency** – It takes awhile for the impulse to travel from the dendrite receptor(s) along the axon to the output points (terminals).
5. **Refractory Period** -- Once fired, it rests awhile before it can respond to stimuli again.