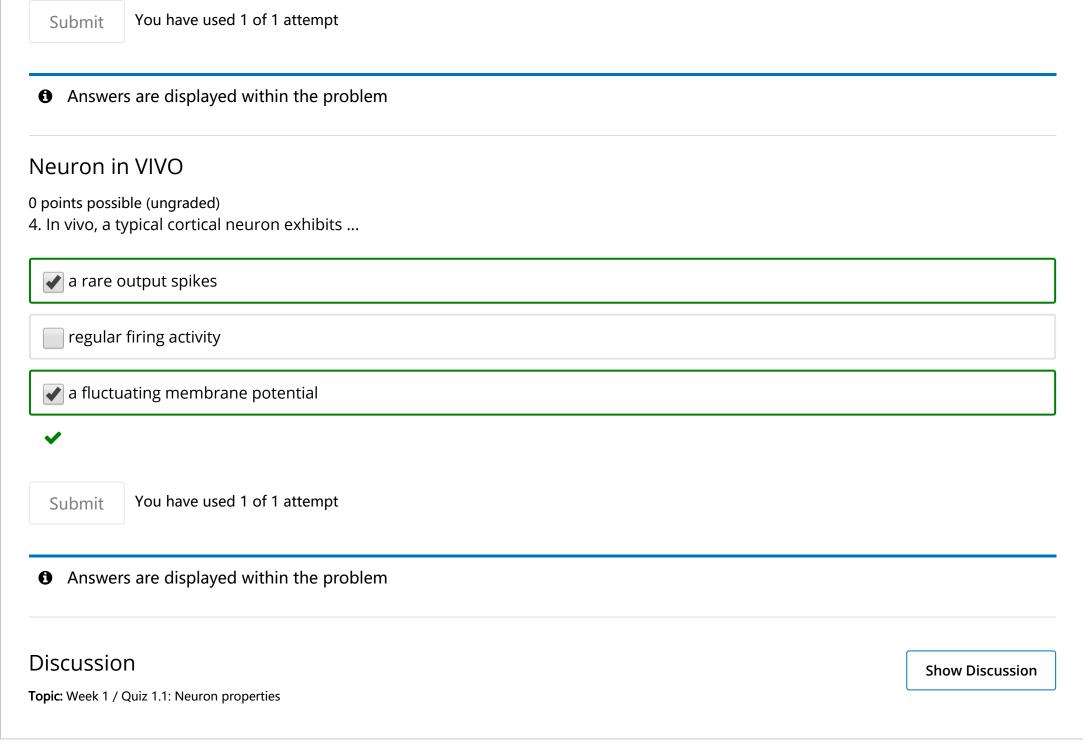


 $\underline{\text{Course}} \Rightarrow \underline{\text{Lecture 1}} \Rightarrow \underline{\text{Lecture Videos 1}} \Rightarrow \underline{\text{Quiz 1.1: Neuron properties}}$ 

## Quiz 1.1: Neuron properties

the neuron explodes

Signal Transmission
0 points possible (ungraded) Note that in the following check box questions, there might be more than one correct answer. You must select all the options that apply.
1. A cortical neuron sends out signals which are called
☐ Action potentials ✔
■ Spikes ✔
Postsynaptic potential
×
Submit You have used 1 of 1 attempt
Answers are displayed within the problem
Dendrite
0 points possible (ungraded) 2. A dendrite is a part of the neuron
where synapses are located 🗸
which collects signals from other neurons      ✓
along which spikes are sent to other neurons
×
Submit You have used 1 of 1 attempt
Answers are displayed within the problem
Threshold hitting
0 points possible (ungraded) 3. In an integrate-and-fire model, when the voltage hits the threshold
★ the neuron fires a spike ★
■ the neuron can enter a state of refractoriness ✔
☐ the voltage is reset ✔



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