

1. Why this cell has a negative membrane potential?
2. Why ions are important for cells like neurons?
3. What is the approximate resting membrane potential of a neuron?
4. Are ions able to pass the cell membrane freely?
5. How are ions distributed when cells are at rest?
6. When has this cell been depolarised or hyperpolarised?
7. Name the channels that you see on the card
8. Can you explain what is happening here?
9. What type of pain are these patients suffering from?
10. Where is the cell body of this neuron located at?
11. What is the name of this neurons?
12. TRPV1 channels open in response to...
13. What causes the activation of P2X receptors and how would that affect the membrane potential of a cell?
14. What is the name of the molecules?
15. Can you name those particular type of cells and explain why are they important?
16. How do photoreceptors behave in the presence and absence of light?