DEPOLARIZATION

Meaning: Depolarization is the process by which a cell membrane's electrical charge becomes less negative, leading to a change in membrane potential that is essential for action potential generation in neurons.

1. Depolarization of the cell membrane is a critical step in the process of action potential generation.
2. The researchers observed a significant depolarization in the neurons after the stimulus was applied.
3. Understanding depolarization is essential for grasping how nerve signals are transmitted throughout the body.
4. During depolarization, the electrical charge inside the neuron becomes less negative compared to the outside environment.
5. Clinical studies have linked abnormal depolarization patterns to various neurological disorders.

Source: sentences.whatistheurl.com

https://sentences.whatistheurl.com/sentence/depolarization