

# depolarization muscle contraction

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## Cell Depolarization | Definition & Overview - Lesson | Study.com

Cell depolarization, or membrane depolarization, is a process that shifts the electrical charge distribution so that the cell is less negatively charged compared to the environment.

## Action Potential | Graph, Diagram & Depolarization - Study.com

Learn about action potential and how to draw an action potential graph with depolarization and repolarization points. Understand what happens during depolarization.

## Cell Depolarization | Definition & Overview - Video | Study.com

Get an overview of cell depolarization in our informative video lesson. Learn its properties and how it differs from repolarization, then take a quiz to review.

## Depolarization of the neuron occurs when: a. the potassium gates open ...

The initial depolarization associated with action potential is the consequence of the opening of at the axon hillock. A. voltage-gated calcium channels B. voltage-gated potassium channels C. voltage-gated chloride channels D. voltage-gated sodium channels An action potential is triggered when \_\_\_\_\_.

## Depolarization \_\_\_\_\_. (a) is an increase in membrane potential (b) is ...

Membrane Potential: The electric membrane potential maintained in a conductive or excitable cell is made possible by the action of the sodium potassium pump, which moves sodium ions out of the cell, and potassium ions into the cell. Answer and Explanation: 1

## Draw an action potential (showing how membrane voltage changes with ...

The initial depolarization was strong enough that enough voltage-gated sodium channels opened to cause more o Describe how the following stages occur in a neuron in terms of ion movement across the cell membrane: resting potential, threshold potential, depolarization, repolarization.

## **Does the influx of chloride ions cause depolarization or ...**

Depolarization occurs because is moving into the cell until is reached. a) K<sup>+</sup>; end plate potential b) Na<sup>+</sup>; end plate potential c) K<sup>+</sup>; resting membrane potential d) Na<sup>+</sup>; resting membrane potential During an action potential, depolarization of a muscle cell occurs because a) more sodium ions diffuse into the cell than potassium ions diffuse out ...

## **Define systole, diastole, depolarization, and repolarization.**

Answer to: Define systole, diastole, depolarization, and repolarization. By signing up, you'll get thousands of step-by-step solutions to your...

## **Does depolarization mean contraction? -**

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Depolarization does not mean contraction. Depolarization is a process where a cell's membrane potential becomes more positive, or flips polarity. In...

## **Describe polarization, depolarization, and repolarization.**

Polarization, depolarization, and repolarization are all phases of an action potential. Polarization - it is simply the process of making a cell...