

# Advanced High School Neuroscience

Neuroscience · Answer Key · 1 Questions

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**1. During the repolarization phase of an action potential in a neuron, which ionic movement primarily restores the negative resting membrane potential?**

**A) Efflux of potassium ions through voltage-gated channels**

B) Influx of sodium ions through voltage-gated channels

C) Influx of chloride ions through ligand-gated channels

D) Efflux of calcium ions through leak channels