

AP stands for: Action Potentials (Neuroscience)

In physiology, an action potential is an electrical impulse that occurs when the membrane potential at a specific cell location rapidly rises and falls. The role of action potentials is to signal an organ or a tissue to execute certain functions. Did you know that both our nervous system and our muscles use action potentials to operate?

In fact, action potentials are found throughout multi-cellular organisms, including plants, invertebrates such as insects, and vertebrates such as reptiles and mammals.

In this team, we will explore action potentials by recording them using electrical circuits!