Action Potential

The Trivia Game for PSY 110 over Biology & Behavior

trivia cards

Finish Line
Question: If answered correctly, advance 1 space. If answered incorrectly, stay in your current space. Another player draws a trivia card and asks the question. If the question is answered correctly, the other player advances 2 spaces; if the question is answered incorrectly, the other player stays in their current space. Next birthday begins. Flip a coin. Heads, you cold terminate all buttons. Starting at the cell body goal: be the first player to arrive at the Supercilis: board, trivia cards, coin, tokens (faces, + players: 2+
Rules for Play:
the gap is the gap between two neurons where chemical communications occur.

Sodium pump

Signals from the skin and muscles are transmitted via nerves.

Sodium-sodium pump

a resting neuron has a charge that is on either side of the membrane, this is known as _______.

Different resting membrane potential

The sheath of an axon has gaps called the nodes of Ranvier after the first researcher to describe them.

Nodes of Ranvier

When a neuron's excitatory input passes its firing threshold of about -55mv an action potential is generated.

Action potential

a neurological disorder characterized by the deterioration of the myelin sheath is known as _______.

Multiple sclerosis (ms)

the flow of ions through the cell membrane is regulated by gating mechanisms.

Ions / ion channels

A neuron can fire partially. This is called the ______ principle.

Excitatory signals ______ the cell membrane, whereas inhibitory signals ______ the cell. The signals ______ or ______ the likelihood of firing, respectively.

Depolarize / hyperpolarize / increase / decrease
depolarize/hyperpolarize/increase/decrease
F/all-or-none

Finding respective likelihood of signals in the cell. The signals extracellularly carry the cell.

ions/ion channels

Multiple sclerosis (MS)

Known as a neurological disorder characterized by the destruction of the myelin sheath. It is known as multiple sclerosis (MS).

action potential

Nodes of Ranvier

The first researcher to describe them is called the nodes of Ranvier. It's the first researcher to describe them.

different/resting membrane potential

Somato sensory

Signals from the skin and muscles are transmitted via sensory nerves.

sodium-potassium pump

Synapse

Sodium-potassium pump. One of the main mechanisms in the cell.

Relatively charged potassium ions exit the cell, and negatively charged sodium ions enter. The cell that facilitates partition is the synapse.