

Lesson 15: Nervous System

Version 4

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Central and Peripheral Nervous System

Basic Structure and Function of the Nervous System

Overview of the functions of the cerebral cortex

Neuron Structure and Function

Nervous Tissue

The Function of Nervous Tissue

Anatomy of a neuron

Synapses and Neurotransmitters

Communication Between Neurons

Neuronal synapses (chemical)

Action Potential

The Action Potential

Sodium-potassium pumps

Membrane potentials

Electrotonic and action potentials

Saltatory conduction in neurons (myelin sheath)

Drugs and Neurotransmitters

Communication Between Neurons

Neurotransmitters and receptors

Structure and Function of the Brain

The Central Nervous System

Reflex Arcs

Motor Responses

Autonomic Nervous System

The Autonomic Nervous System

The Nervous System

The Nervous System and Nervous Tissue

Anatomy of the Nervous System

The Somatic Nervous System

The Autonomic Nervous System

The Nervous and Endocrine Systems

The Neuron and Nervous Systems

Biology: Nervous System

Anatomy: Nervous System Part 1 - Intro to the Nervous System

Anatomy: Nervous System Part 2 - Action Potential

Anatomy: Nervous System Part 3 - Synapses

Anatomy: Central Nervous System

Anatomy: Peripheral Nervous System

Anatomy: Autonomic Nervous System

Anatomy: Sympathetic Nervous System

Anatomy: Parasympathetic Nervous System

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