Mindluster Platform

About the course Neuroscience basics and Neuroglia Functions

Neuroscience basics course, in this course we will learn about the fundamentals of neuroscience. Topics include neuron structure and function, brain anatomy, neurotransmitters, and neural pathways. Through interactive lessons and practical exercises, participants will gain a foundational understanding of how the brain works and its role in behavior, cognition, and mental health.

Medical Category's Courses

Course Lesson(37)

Lesson 1 : **Overview of the Nervous System Animation**

Lesson 2 : **Neuroscience Basics Neuroglia Functions Animation**

Lesson 3 : **Membrane Transport Animation**

Lesson 4 : **Membrane Potential Equilibrium Potential and Resting Potential Animation**

Lesson 5 : **Action Potential in Neurons Animation**

Lesson 6 : **Neuroscience basics Synaptic transmission Chemical synapse Animation**

Lesson 7 : **Neuroscience basics Neural Integration and Neural Coding Animation**

Lesson 8 : **Neuroscience Basics Neural Networks and Circuits Animation**

Lesson 9 : **Spinal Cord Anatomy Spinal Tracts Pathways Somatic Reflexes Animation**

Lesson 10 : **Spinal Cord Injury Animation**

Lesson 11 : **Spina Bifida Animation**

Lesson 12 : **Neuromuscular Junction Animation**

Lesson 13 :
Neuroscience Basics Human Brain Anatomy and Lateralization of Brain Function 3D Animation

Lesson 14 : **Blood Brain Barrier Animation**

Lesson 15 : **Long Term Potentiation and Memory Formation Animation**

Lesson 16 : **Language Pathways and Aphasia Animation**

Lesson 17 : **Neuroscience Basics Dopamine Reward Pathway Animation**

Lesson 18 : **Mechanism of Drug Addiction in the Brain Animation**

Lesson 19 : **Parkinson s Disease Animation**

Lesson 20 : **Alzheimer s Disease AD Pathology and Genetics Animation**

Lesson 21 : **Sleep Physiology Animation**

Lesson 22 : **Neuroscience Basics GABA and Glutamate Animation**

Lesson 23 : **Neuroscience Basics GABA Receptors and GABA Drugs Animation**

Lesson 24 : **Neuroplasticity Animation**

Lesson 25 : **Synaptic Pruning Animation**

Lesson 26 :
Cranial Nerves Basic Anatomy Functions Effects of Damage and Clinical Tests Animation

Lesson 27 : **Vagus Nerve Neuroanatomy and Functions Animation**

Lesson 28 : **Autonomic Nervous System Sympathetic vs Parasympathetic Animation**

Lesson 29 : **Micturition Reflex Neural Control of Urination Animation Video**

Lesson 30 : **Physiology of Touch Receptors and Pathways Animation**

Lesson 31 : **Physiology of Pain Animation**

Lesson 32 : **Olfactory System Anatomy and Physiology Pathways Animation**

Lesson 33 : **Vision Anatomy and Physiology Animation**

Lesson 34 : **Mechanism of Hearing Animation**

Lesson 35 : **The Vestibular System Animation**

Lesson 36 : **Taste Anatomy and Physiology Animation**

Lesson 37 : **Neuroscience Basics Anesthesia How it Works Animation**

Related courses

Infection Control

Male Reproductive

Anatomy

Pharynx

Endocrine

General Embryology

for Business Contact
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