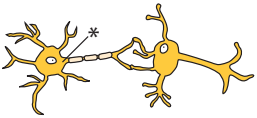


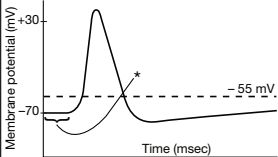
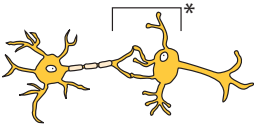
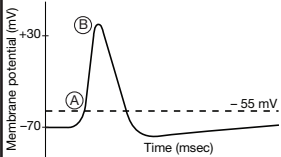
Nervous System Bingo

Sensory Neurons	Peripheral Nervous System (PNS)	Dendrites	Nerves	Motor Nerves
	Axon Terminal	Ganglion	Satellite Cells	Astrocytes
Interneurons	Graded Potentials	FREE SPACE	Acetylcholine	Na ⁺
Glial Cells	Adrenergic Receptors	Membrane Potential	Action Potential	Axonal Transport
Temporal Summation	K ⁺	Trigger Zone	Adenosine	Glutamate

Nervous System Bingo


Local Current Flow	Presynaptic Cell	Microglia	Synaptic Cleft	Myelin
Electrical Synapse	Enteric Nervous System	Central Nervous System (CNS)	Hyper-polarization	Microglia
Sympathetic Branch	Brain and Spinal Cord	FREE SPACE	Amine Neuro-transmitter	Sensory Nerves
Membrane Permeability	Efferent Neurons	Temporal Summation	Afferent Neurons	Axon Terminal
Axon Hillock	Interneurons	Nernst Equation	Concentration Gradient	Threshold Voltage

Nervous System Bingo

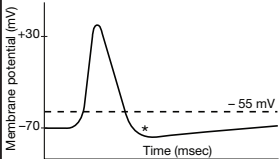
Para-sympathetic Branch	Somatic Motor Division	Mechanically Gated Ion Channel	Norepinephrine	Astrocytes
Cholinergic Receptor		Axonal Transport	Schwann Cells	Chemical Synapse
Membrane Permeability	Gamma-aminobutyric Acid (GABA)	FREE SPACE	Autonomic Nervous System	Conduction
	Postsynaptic Cell	Chemically Gated Ion Channels	Nerves	Glial Cells
Trigger Zone	Local Current Flow	Nernst Equation	Adenosine	

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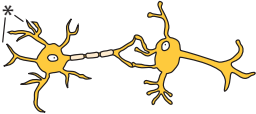
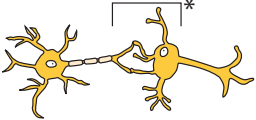
Nervous System Bingo

Sensory Neurons	Peripheral Nervous System (PNS)	Efferent Neurons		Synapse
Motor Nerves	Ganglion	Synaptic Cleft	Interneurons	Astrocytes
Amine Neurotransmitters	Adenosine	FREE SPACE	Chemically Gated Ion Channels	K ⁺
Somatic Motor Division	Chemical Synapses	Threshold Voltage	Neurons	Gamma-aminobutyric Acid (GABA)
Graded Potentials	Schwann Cells	Cholinergic Receptor	Nodes of Ranvier	Postsynaptic Cell

Nervous System Bingo

Depolarization	Nerves	Membrane Potential	Norepinephrine	Axonal Transport
Membrane Permeability	Temporal Summation		Calcium	Glial Cells
Microglia	Para-sympathetic Branch	FREE SPACE	Central Nervous System (CNS)	Peripheral Nervous System (PNS)
Adenosine	Axon Hillock	Brain and Spinal Cord	Conduction	Sensory Neuron
Local Current Flow	Afferent Sensory Neurons	Autonomic Nervous System	Concentration Gradient	Synaptic Cleft

Nervous System Bingo

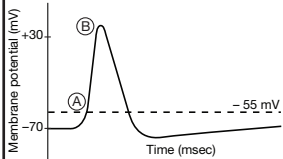
Schwann Cells	Action Potential	Na ⁺	Axon Terminal	Microglia
Peripheral Nervous System (PNS)	Chemically Gated Ion Channel	Astrocytes	Resting Potential	Oligodendrites
Myelin	Ganglion	FREE SPACE		Mechanically Gated Ion Channel
Electrical Synapse	Motor Nerves	Acetylcholine	Satellite Cells	Glutamate
	Adrenergic Receptors	Nodes of Ranvier	Cholinergic Receptors	Sensory Neurons

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Nervous System Bingo


Depolarization	Membrane Potential	Nernst Equation	Hyper-polarization	Peripheral Nervous System (PNS)
Enteric Nervous System	Acetylcholine	Membrane Permeability	Trigger Zone	Axonal Transport
Axonal Transport	Local Current Flow	FREE SPACE	Glial Cells	Motor Nerve
Axon Hillock	Sympathetic Branch	Concentration Gradient	Temporal Summation	Conduction
Norepinephrine	Adenosine	Nodes of Ranvier	Nerves	Para-sympathetic Branch

Nervous System Bingo

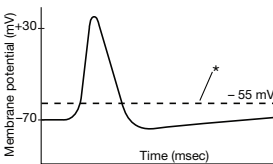
Synaptic Cleft	Presynaptic Cell	Postsynaptic Cell	Satellite Cells	Schwann Cells
Graded Potential	Cholinergic Receptors	Astrocytes	Action Potential	Microglia
Myelin	Threshold Voltage	FREE SPACE	K ⁺	Ganglion
Resting Potential	Mechanically Gated Ion Channel	Acetylcholine	Chemically Gated Ion Channel	
Chemical Synapse	Excitatory Synaptic Potential	Amine Neurotransmitters	Gamma-aminobutyric Acid (GABA)	Adrenergic Receptors

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Nervous System Bingo

Sympathetic Branch	Sensory Nerves	Excitatory Synaptic Potential	Trigger Zone	Axonal Transport
Efferent Neurons	Motor Nerve	Glial Cells	Axon Hillock	Afferent Sensory Neurons
Synapse	Peripheral Nervous System (PNS)	FREE SPACE	Brain and Spinal Cord	Concentration Gradient
Temporal Summation	Concentration Gradient	Microglia	Membrane Permeability	Axon Terminal
Membrane Potential		Mechanically Gated Ion Channel	Central Nervous System (CNS)	Adenosine

Nervous System Bingo

Graded Potential	Na ⁺	Electrical Synapse	Microglia	Cholinergic Receptor
Nerves	Resting Potential	$E_{ion} = \frac{61}{Z} \log \frac{[ion]_{out}}{[ion]_{in}}$	Amine Neurotransmitters	Axon Terminal
Action Potential	Trigger Zone	FREE SPACE	K ⁺	Adrenergic Receptor
Temporal Summation	Hyperpolarization	Conduction	Glutamate	Chemical Synapse
	Norepinephrine	Acetylcholine	Adenosine	Gamma-aminobutyric Acid (GABA)

Nervous System Bingo

Adenosine	Trigger Zone	Central Nervous System (CNS)	Adrenergic Receptors	Satellite Cells
Motor Nerve	Glial Cells	Membrane Potential	Peripheral Nervous System (PNS)	Sympathetic Branch
Hyper-polarization	Motor Nerves	FREE SPACE	Graded Potentials	Acetylcholine
Ganglion	Na ⁺	Axon Terminal	Astrocytes	Axon Hillock
Dendrites	Resting Potential	Microglia	K ⁺	Glutamate

Nervous System Bingo

Central Nervous System (CNS)	Presynaptic Cell	Brain and Spinal Cord	Postsynaptic Cell	Efferent Neurons
Sensory Nerves	Sympathetic Branch	Axon Terminal	Axon Hillock	Synaptic Cleft
Concentration Gradient	Afferent Sensory Neurons	FREE SPACE	Interneurons	Somatic Motor Division
Enteric Nervous System	Amine Neurotransmitter	Na ⁺	Glial Cells	Myelin
Threshold Voltage	Membrane Permeability	Electrical Synapse	Concentration Gradient	Membrane Potential

Nervous System Bingo

Ganglion	Gamma-aminobutyric Acid (GABA)	Mechanically Gated Ion Channel	Norepinephrine	Chemically Gated Ion Channel
Conduction	Resting Potential	Trigger Zone	Chemical Synapses	Local Current Flow
Depolarization	Nernst Equation	FREE SPACE	Somatic Motor Division	Cholinergic Receptors
Autonomic Nervous System	Para-sympathetic Branch	Nerves	Axonal Transport	Synapse
Motor Nerve	Postsynaptic Cell	Adenosine	Schwann Cells	Myelin

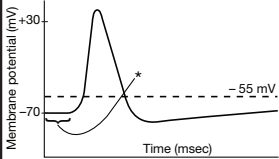
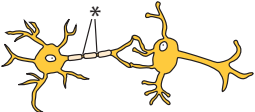
Nervous System Bingo

Synaptic Cleft	Graded Potentials	Postsynaptic Cell	Threshold Voltage	Schwann Cells
Amine Neurotransmitters	Astrocytes	Gamma-aminobutyric Acid (GABA)	Myelin	Cholinergic Receptors
Oligodendrites	Para-sympathetic Branch	FREE SPACE	Membrane Potential	Ganglion
Glial Cells	Chemically Gated Ion Channel	Nodes of Ranvier	Sympathetic Branch	Local Current Flow
K ⁺	Axon Hillock	Hyper-polarization	Adenosine	Chemical Synapses

Nervous System Bingo

Afferent Sensory Neurons	Synaptic Cleft	Depolarization	Axon Hillock	Brain and Spinal Cord
Enteric Nervous System	Local Current Flow	Conduction	Central Nervous System (CNS)	Adenosine
Para-sympathetic Branch	Axon Terminal	FREE SPACE	Norepinephrine	Glial Cells
Axonal Transport	Temporal Summation	Nerves	Microglia	Membrane Permeability
Autonomic Nervous System	Peripheral Nervous System (PNS)	Hyper-polarization	Membrane Potential	Sensory Neuron

Nervous System Bingo

Axon Terminal	Myelin	Schwann Cells	Local Current Flow	Membrane Potential
Interneurons	Synapse	Dendrites	Presynaptic Cell	Synaptic Cleft
Para-sympathetic Branch	Nerves	FREE SPACE	Autonomic Nervous System	Hyper-polarization
Cholinergic Receptor	Ganglion	Efferent Neurons	Central Nervous System (CNS)	Glutamate
Chemical Synapses		Threshold Voltage	Chemically Gated Ion Channel	

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Nervous System Bingo

Nodes of Ranvier	Conduction	$E_{ion} = \frac{61}{Z} \log \frac{[ion]_{out}}{[ion]_{in}}$	Membrane Permeability	Autonomic Nervous System
Axonal Transport	Sympathetic Branch	Motor Nerves	Axon Terminal	Depolarization
Adrenergic Receptors	Somatic Motor Division	FREE SPACE	Synaptic Cleft	Amine Neurotransmitters
Electrical Synapse	Brain and Spinal Cord	Sensory Neurons	Axon Hillock	K ⁺
Action Potential	Mechanically Gated Ion Channel	Oligodendrites	Microglia	Satellite Cells

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Nervous System Bingo

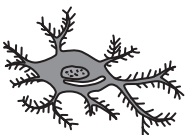
Temporal Summation	Adenosine	Norepinephrine	Trigger Zone	Central Nervous System (CNS)
Concentration Gradient	Myelin	Astrocytes	Postsynaptic Cell	Glial Cells
Motor Nerve	Axon Hillock	FREE SPACE	Sensory Nerves	K ⁺
Enteric Nervous System	Interneurons	Afferent Sensory Neurons	Peripheral Nervous System (PNS)	Gamma-aminobutyric Acid (GABA)
Acetylcholine	Oligodendrites	Na ⁺	Graded Potentials	Ganglion

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Nervous System Bingo

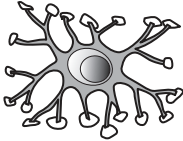
Central Nervous System (CNS)	Para-sympathetic Branch	Chemical Synapses	Interneurons	Synapse
Membrane Potential	Efferent Neurons	Glutamate	Presynaptic Cell	Local Current Flow
Nodes of Ranvier	Chemically Gated Ion Channels	FREE SPACE	Threshold Voltage	Resting Potential
Conduction	Schwann Cells	Cholinergic Receptor	Nerves	Autonomic Nervous System
Ganglion	Slow Axonal Potential	Hyper-polarization	Myelin	Dendrites

Nervous System Bingo

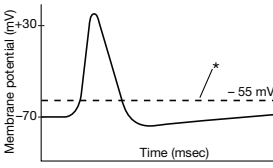
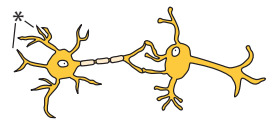
Brain and Spinal Cord	Na ⁺	Sensory Neurons	Adrenergic Receptors	Synaptic Cleft
Amine Neurotransmitters	Somatic Motor Division	Membrane Permeability	Satellite Cells	Nernst Equation
Mechanically Gated Ion Channels	Action Potential	FREE SPACE	K ⁺	Electrical Synapse
Conduction		Microglia	Motor Nerves	Axon Hillock
Oligodendrites	Depolarization	Sympathetic Branch	Axonal Transport	Axon Terminal

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Nervous System Bingo

Temporal Summation		Norepinephrine	Myelin	Enteric Nervous System
Peripheral Nervous System (PNS)	Adenosine	Acetylcholine	Membrane Potential	Afferent Sensory Neurons
Concentration Gradient	Central Nervous System (CNS)	FREE SPACE	Graded Potential	Na ⁺
Interneurons	Motor Nerve	Gamma-aminobutyric Acid (GABA)	Trigger Zone	Sensory Nerves
Glial Cells	Axon Hillock	Postsynaptic Cell	Ganglion	Depolarization


Nervous System Bingo

	Nerves	Ganglion	Axon Hillock	Amine Neurotransmitters
Myelin	Cholinergic Receptor	Mechanically Gated Ion Channel	Sympathetic Branch	Threshold Voltage
	Sensory Nerves	FREE SPACE	Axon Terminal	Schwann Cells
Afferent Sensory Neurons	Axonal Transport	Autonomic Nervous System	Glial Cells	Synaptic Cleft
Brain and Spinal Cord	Peripheral Nervous System (PNS)	Central Nervous System (CNS)	Conduction	Sensory Neurons

Nervous System Bingo


Axon Hillock	Hyper-polarization	Para-sympathetic Branch	Motor Nerve	Satellite Cells
Afferent Sensory Neurons	Nerves	Autonomic Nervous System	Efferent Neurons	Nerves
Peripheral Nervous System (PNS)	Concentration Gradient	FREE SPACE	Adrenergic Receptors	Interneurons
Trigger Zone	Ganglion	Acetylcholine	Axon Terminal	Membrane Potential
Action Potential	Adenosine	Resting Potential	Temporal Summation	Synapse

Nervous System Bingo

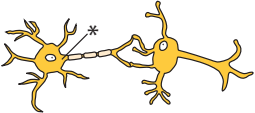
Somatic Motor Division	Enteric Nervous System	Ganglion	Depolarization	Microglia
Axonal Transport	Motor Nerves	Glutamate	Oligodendrites	Gamma-aminobutyric Acid (GABA)
Electrical Synapse	Presynaptic Cell	FREE SPACE	Na ⁺	Graded Potentials
Chemical Synapse	Nodes of Ranvier	K ⁺	Postsynaptic Cell	Membrane Permeability
Chemically Gated Ion Channels	Nernst Equation	Interneurons	Local Current Flow	

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Nervous System Bingo

Schwann Cells	Satellite Cells	Presynaptic Cell	Ganglion	Synaptic Cleft
	Norepinephrine	Myelin	Temporal Summation	Oligodendrites
Nodes of Ranvier	Motor Nerves	FREE SPACE	Microglia	Graded Potentials
Threshold Voltage	Synapse	Resting Potential	Local Current Flow	Acetylcholine
Glutamate	Axon Hillock	Dendrites	Sensory Neurons	Adrenergic Receptors

Nervous System Bingo

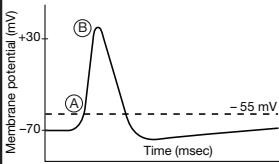
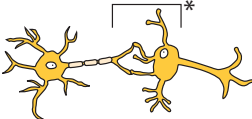
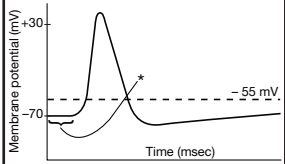
Axon Terminal	Peripheral Nervous System (PNS)	Dendrites	Nerves	Motor Nerve
Astrocytes	Sensory Neurons	Ganglion	Acetylcholine	
Temporal Summation	Graded Potentials	FREE SPACE	Satellite Cells	Na ⁺
K ⁺	Adrenergic Receptors	Membrane Potential	Action Potential	Axon Hillock
Central Nervous System (CNS)	Glial Cells	Trigger Zone	Glutamate	Adenosine

Nervous System Bingo

Hyper-polarization	Presynaptic Cell	Myelin	Synaptic Cleft	
Electrical Synapse	Enteric Nervous System	$E_{ion} = \frac{61}{Z} \log \frac{[ion]_{out}}{[ion]_{in}}$	Depolarization	Synapse
Sympathetic Branch	Brain and Spinal Cord	FREE SPACE	Amine Neuro-transmitter	Central Nervous System (CNS)
Membrane Permeability	Graded Potentials	Temporal Summation	Afferent Neurons	Axon Terminal
Membrane Potential	Interneurons	Sensory Nerves	Concentration Gradient	Threshold Voltage

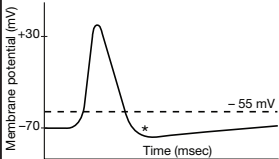
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Nervous System Bingo

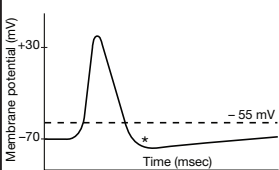
Trigger Zone	Somatic Motor Division	Mechanically Gated Ion Channel	Norepinephrine	Chemical Synapse
Cholinergic Receptor		Conduction	Schwann Cells	Graded Potentials
Nerves	Gamma-aminobutyric Acid (GABA)	FREE SPACE	Autonomic Nervous System	Axonal Transport
	Postsynaptic Cell	Chemically Gated Ion Channels	Glial Cells	Synaptic Cleft
Para-sympathetic Branch	Local Current Flow	Nernst Equation	Adenosine	

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Nervous System Bingo

Nerves	Depolarization	Membrane Potential	Norepinephrine	Axonal Transport
Temporal Summation	Membrane Permeability		Hyperpolarization	Glial Cells
Trigger Zone	Para-sympathetic Branch	FREE SPACE	Enteric Nervous System	Microglia
Conduction	Central Nervous System (CNS)	Brain and Spinal Cord	Dendrites	Axon Hillock
Autonomic Nervous System	Afferent Sensory Neurons	Local Current Flow	Synaptic Cleft	Peripheral Nervous System (PNS)

Nervous System Bingo

Polypeptides	Depolarization	Membrane Potential	Norepinephrine	Axonal Transport
Temporal Summation	Membrane Permeability		Chemically Gated Ion Channel	Glial Cells
Adenosine	Para-sympathetic Branch	FREE SPACE	Enteric Nervous System	K ⁺
Conduction	Calcium	Brain and Spinal Cord	Hyper-polarization	Interneurons
Autonomic Division	Afferent Sensory Neurons	Local Current Flow	Na ⁺	Nernst Equation

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