

Vocabulary for first lectures.

Note: these lists are to remind you of material covered in class and to guide your studying. They do not perfectly define what you are expected to know. I may have missed a few terms, and there may be a few extra. Use these lists if they are helpful for organizing your studying. If you are familiar with all of the terms on the lists provided, you are probably going to be in very good shape for the quiz (and the midterm after).

List 1 – first whole week of SSII and some of week 2

Action potential
Active transport
Afferent
Amygdala
Anterior/Posterior
Anterograde transport
Autonomic nervous system
Axon
Axon hillock
Axon terminal
Basal ganglia
Bell-Magendie Law
Blood brain barrier
Broca's area
Brodmann's areas
Caudal/Rostral
Cell body
Central nervous system (CNS)
Cerebellum
Cerebral hemisphere
Cerebral cortex
Cerebrospinal fluid

Channels
Cl-
Concentration gradient
Coronal/Horizontal/Sagittal
Corpus callosum
Cortical column
Cortical layer
Cranial nerve
Dendrite
Dendritic spine
Depolarization
Deterministic
Diffusion
Dopamine
Dorsal (sensory) root ganglion
Efferent
Electrical gradient
EPSP
Extracellular/Intracellular
Fissure
Forebrain
Frontal lobe
Ganglion
Glial cell
Graded potential
Gray matter
Gyrus
Hindbrain
Hippocampus
Hyperpolarization
Hypothalamus
Inferior/Superior
Interneuron
Ion channels

IPSP
K⁺
Lateral/medial
Lamina
Lesion
Limbic system
Lipid bilayer
Medulla
Medial forebrain bundle
Membrane threshold
Midbrain
Motoneuron
Motor cortex
Myelin
Na⁺
Nerve
Neuron (nerve cell)
Neuron doctrine
Neurotransmitter
Node of Ranvier
Nucleus
Occipital lobe
Oligodendrocyte
Ontogenetic
Parasympathetic nervous system
Parietal lobe
Peripheral nervous system (PNS)
Prefrontal cortex
Proximate Cause
Receptor
Reductionism
Refractory period
Resting potential
Retrograde transport

Saltatory conduction
Schwann cell
Selective Permeability
Sensory neuron
Sodium/potassium pump
Spinal nerve
Subcortical
Sulcus
Sympathetic nervous system
Synapse
Synaptic cleft
Synaptic vesicle
Synaptic terminal (bouton)
Temporal lobe
Thalamus
Threshold
Tract
Ultimate cause
Ventral (motor) root
Ventricles
Voltage-gated
Wernicke's area
White matter