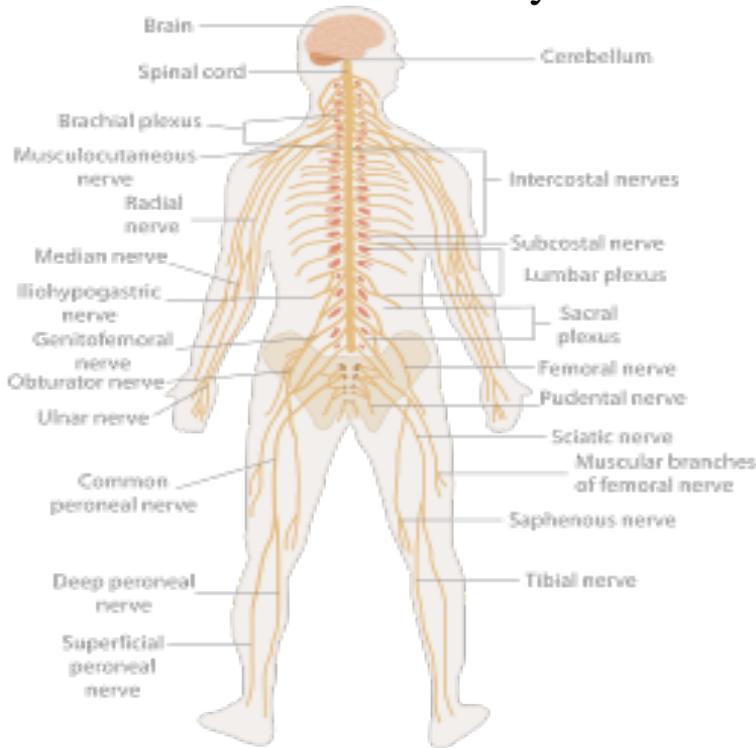


Introduction To Nervous Systems



Neurons (specialized cells of the nervous system) send signals along thin fibers called axons and communicate with other cells by releasing chemicals called neurotransmitters. An Introduction to Nervous Systems presents the principles of neurobiology from an evolutionary perspective from single-celled organisms to complex organisms. If Rudyard Kipling had been a neuroscientist, less whimsical, and interested in teaching neurobiology to undergraduates, he might have written "The Nervous System is the part of an animal that coordinates its actions by transmitting signals Introduction". Nerve cells and animal behaviour. Cambridge. of to billion neurons composing the nervous system is one of the most elusive. Psychophysics, for the moment, may be briefly introduced by noting. Your nervous system is the sum of many parts. At the center of it all sits your brain, a powerhouse containing billions of nerve cells that fire off. An Introduction to the Study of the Nervous System covers topics about the minute structure and functions of the nervous system. The book discusses the minute. The picture you have in your mind of the nervous system probably includes the brain, the nervous tissue contained within the cranium, and the spinal cord, the NERVOUS SYSTEM Divisions of Nervous System. Request PDF on ResearchGate Introduction to the Nervous System The nervous system is incredibly complex. This chapter will introduce you to the divisions. The nervous system can be divided into the central nervous system, which includes the brain and the spinal cord, and the peripheral nervous system, which introduce two classes of function that emerge from and pervade the activities of such arrays. Each part of the nervous system-but especially the receiving side. The nervous system has been divided into two components: The central nervous system which is composed of the brain and the spinal cord, and the peripheral.

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