

Download The Nervous System How The Human Body Works

The nervous system, essentially the body's electrical wiring, is a complex collection of nerves and specialized cells known as neurons that transmit signals between different parts of the body. The nervous system is the part of an animal that coordinates its actions by transmitting signals to and from different parts of its body. The nervous system detects environmental changes that impact the body, then works in tandem with the endocrine system to respond to such events. Nervous tissue first arose in wormlike organisms about 550 to ...Humans, like all living organisms, can respond to their environment. Humans have two complimentary control systems to do this: the nervous system and the endocrine (hormonal) system. The human body has a central nervous system and a peripheral nervous system. These systems have specific functions, and can be affected by a variety of diseases.