

Nervous System

Organs

Central Nervous System

Brain

Spinal Cord

Sensory Nerves

Sense Organs

Neurons

Afferent Neurons

These are your sensory neurons

Efferent Neurons

These are your motor neurons

Interneuron

Network to integrate information and direct function

Function

Controls all organ function

Controls voluntary actions

Controls involuntary actions

Body Interaction

Renal System

Tells your body when your bladder is full

Circulatory System

Controls the pumping of blood through the heart and body.

Endocrine System

Directs hormone glands

Digestive System

Tells your body when you need more nutrition

Musculoskeletal System

Controls voluntary and involuntary movement

Reproductive System

Uses neurons to recognize stimuli

Helps control and regulate the intake of oxygen release of carbon dioxide.

Respiratory System