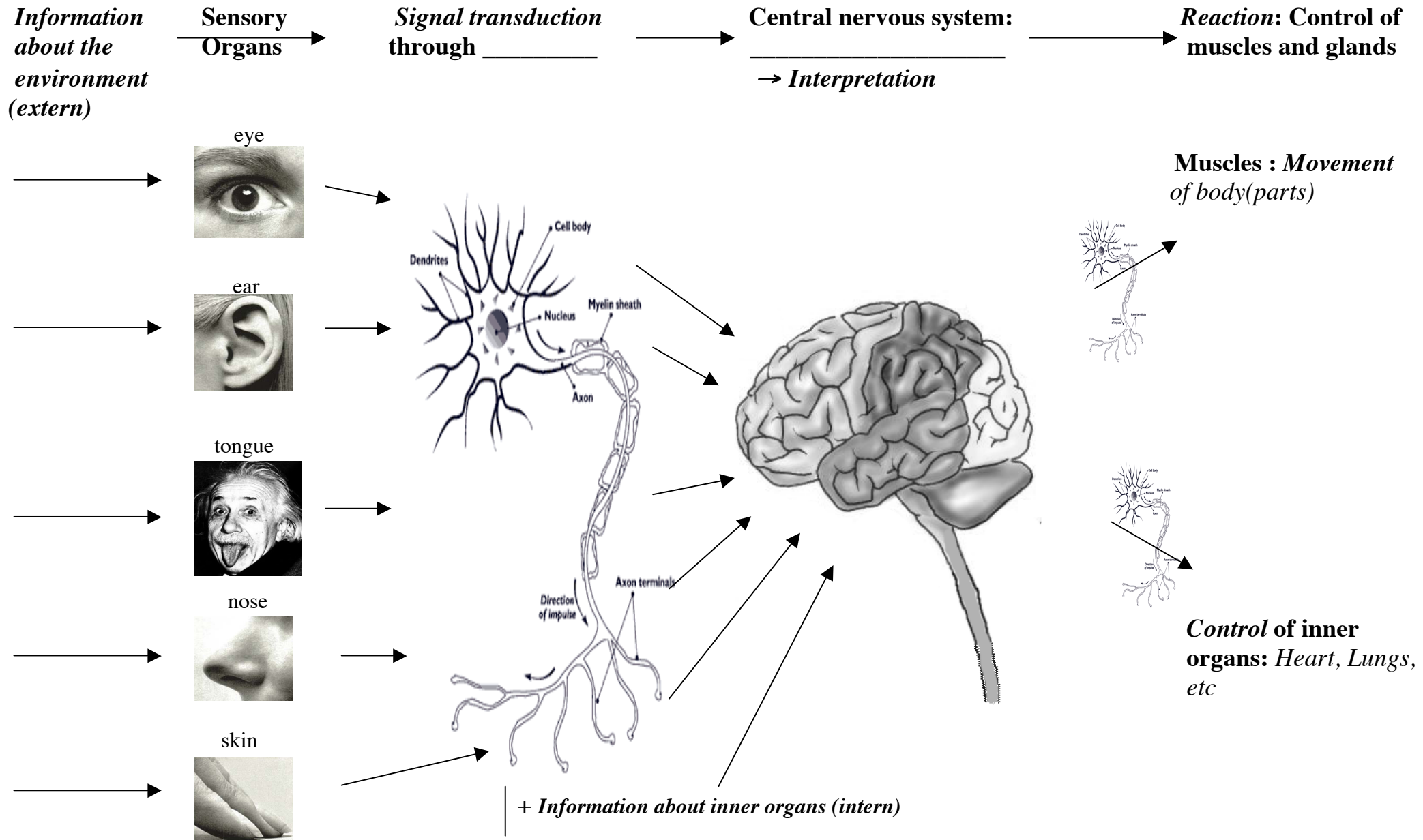


SENSORY ORGANS AND THE HUMAN NERVOUS SYSTEM



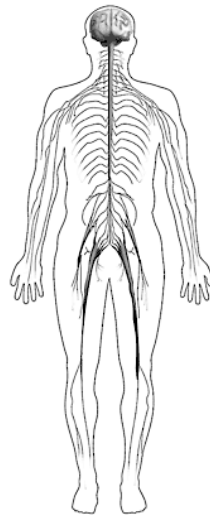
Organisation of the Vertebrate Nervous System (NS)

The nervous system, together with the sensory organs and the muscles, builds a fast information processing system. It can be split into two separate divisions, the Central Nervous System and the Peripheral Nervous System.

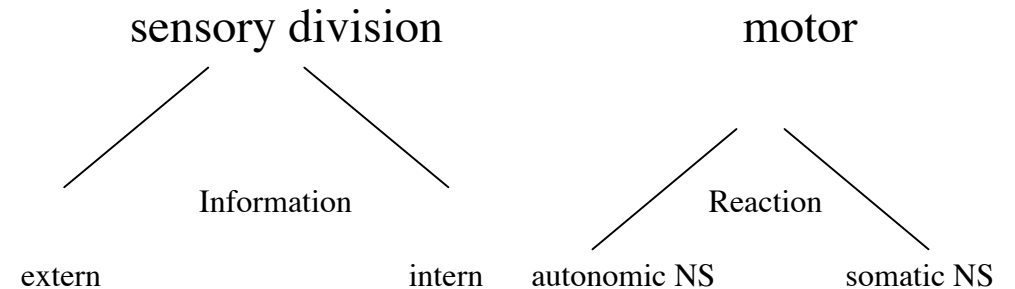
Central Nervous System (CNS):

Brain and spinal cord
division

The central nervous system (CNS) acts as the command centre of the body. It interprets incoming sensory information, and then sends out instructions on how the body should react.



Peripheral Nervous System (PNS):



The peripheral nervous system (PNS) is the part of the nervous system outside of the CNS. It can be divided into two systems. The somatic nervous system controls the voluntary movements of the skeletal muscles. The autonomic nervous system controls activities in the body that are involuntary or automatic. These include the actions of the heart, glands, and digestive organs.

