



Multipolar (pyramidal) cell of cerebral motor cortex

Astrocyte

Striated (somatic) muscle
 Motor endplate

Multipolar somatic motor cell of nuclei of cranial nn.

Multipolar cell of lower brain motor centers

Oligodendrocyte
 Corticospinal (pyramidal) fiber

Axodendritic ending
 Axosomatic ending
 Axoaxonic ending

Multipolar somatic motor cell of anterior horn of spinal cord

Collateral
 Renshaw interneuron (feedback)

Myelinated somatic motor fiber of spinal nerve

Myelin sheath

Motor endplate with Schwann cell cap

Striated (voluntary) muscle

Bipolar cell of cranial n.

Unipolar cell of sensory ganglia of cranial nn.

Satellite cells

Schwann cell

Interneurons
 Blood vessel

Free nerve endings (unmyelinated fibers)

Encapsulated ending

Specialized ending

Muscle spindle

Unipolar sensory cell of dorsal spinal root ganglion

Satellite cells

Interneuron

Astrocyte

Multipolar visceral motor (autonomic) cell of spinal cord

Myelinated afferent fiber of spinal nerve

Myelin sheath

Autonomic preganglionic (sympathetic or parasympathetic) nerve fiber

Myelin sheath

Autonomic postganglionic neuron of sympathetic or parasympathetic ganglion

Satellite cells

Unmyelinated nerve fiber

Schwann cells

Endings on cardiac muscle or nodal cells

Beaded varicosities and endings on smooth muscle and gland cells

Schwann cells

Unmyelinated fibers

Free nerve endings

Encapsulated ending

Muscle spindle

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