Comparison of somatic and autonomic nervous systems

Somatic nervous system

Central nervous system

Peripheral nervous system

Effector organs

Autonomic nervous system

Sympathetic division

- Acetylcholine
- Norepinephrine
- Ganglion
- Acetylcholine
- Epinephrine and norepinephrine
- Blood vessel

Parasympathetic division

- Acetylcholine
- Ganglion

Preganglionic axons (sympathetic)
Preganglionic axons (parasympathetic)
Postganglionic axons (sympathetic)
Postganglionic axons (parasympathetic)

Skeletal muscle
Smooth muscle
Glands
Cardiac muscle