

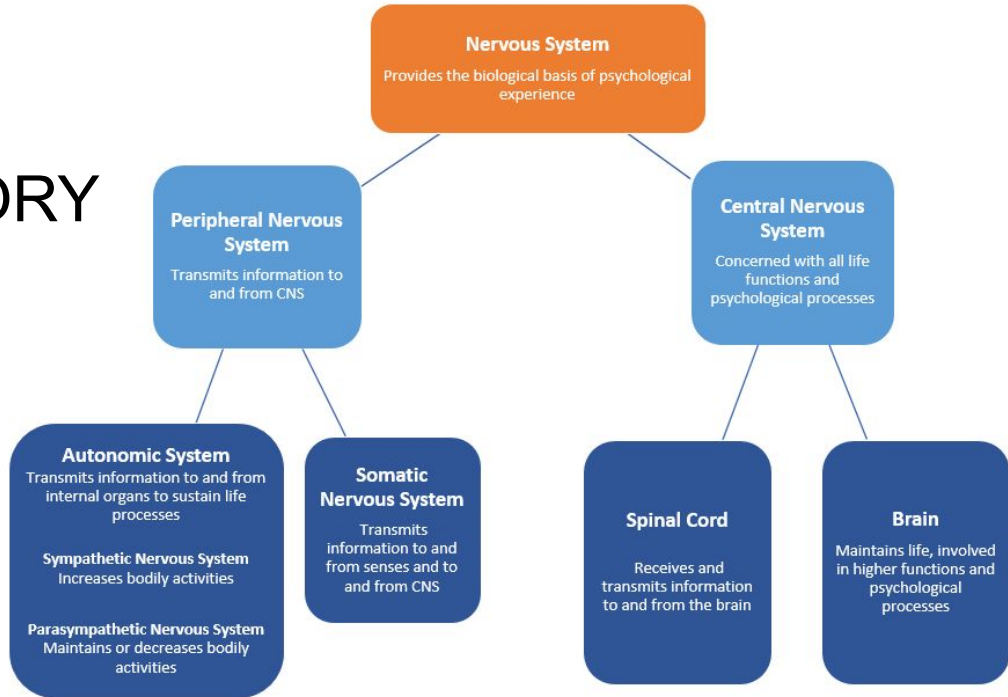
The autonomic nervous system

Tóth Marcella

The nervous system

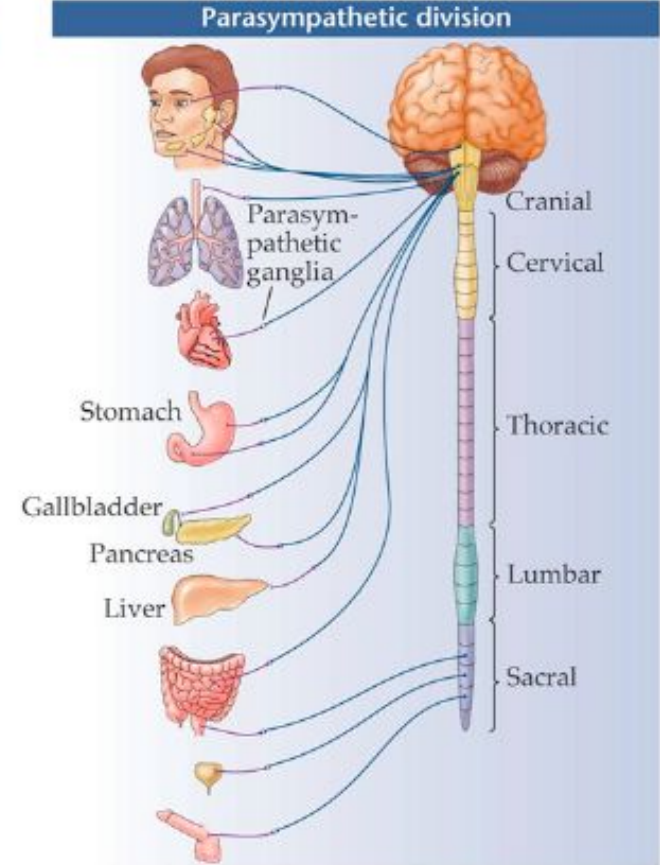
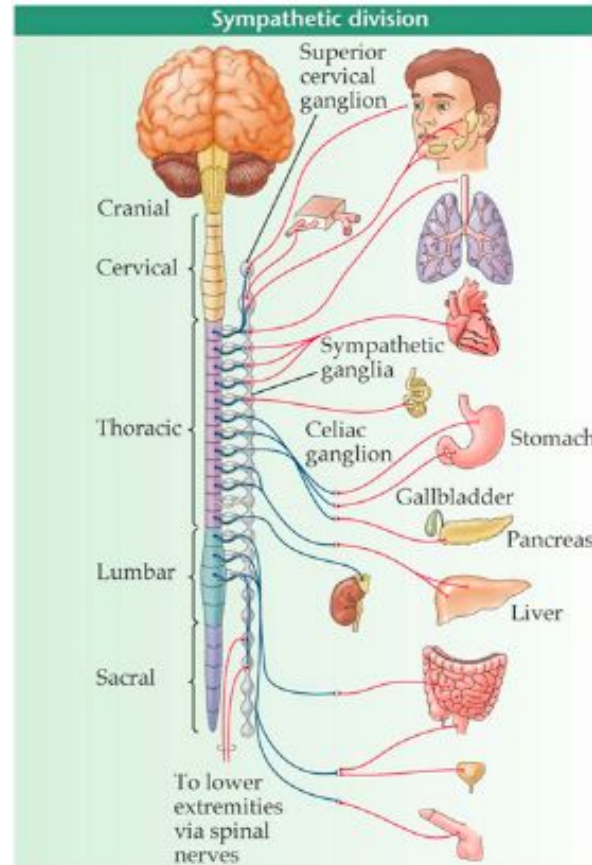
MOTOR - SENSORY

ENTERIC



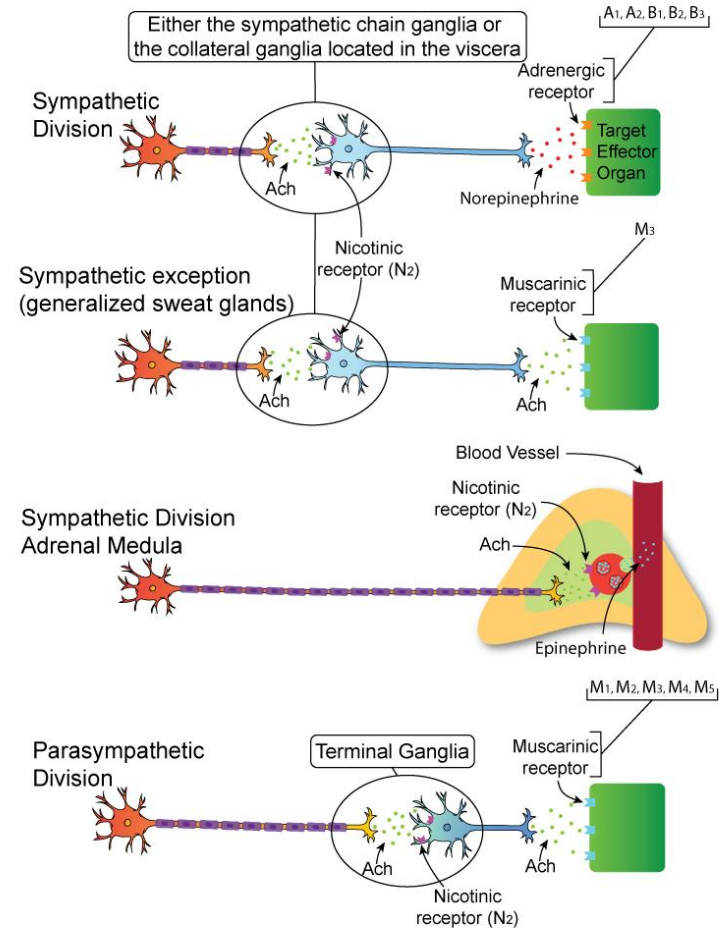
The sympathetic and parasympathetic systems

- Their main purpose: fight or flight/rest and digest
- Location
- Nerves - cranial
- nerves - vagus
- Axon length and ganglia position: S - short+long, close to spinal cord; P - long+short, far from spinal cord



The sympathetic and parasympathetic systems

- Neurotransmitters/hormones: acetylcholine, norepinephrine, epinephrine
- Receptors for different effect (alpha, beta)
- Health issues (e.g. blood pressure, urinary problems)



Thank you for your attention! :)

Sources:

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