

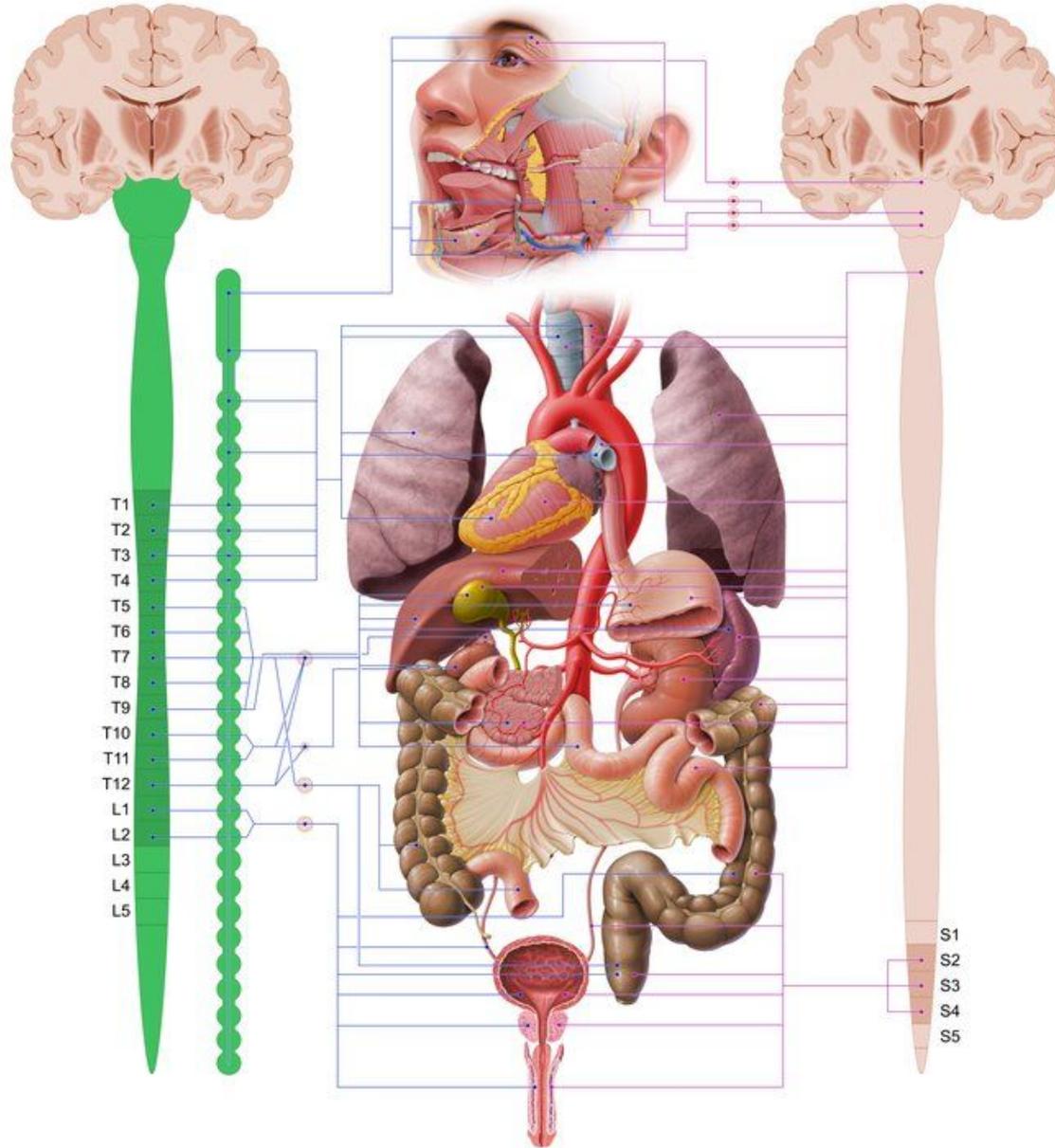
# Funções autônômicas

Profa. Michele Schultz

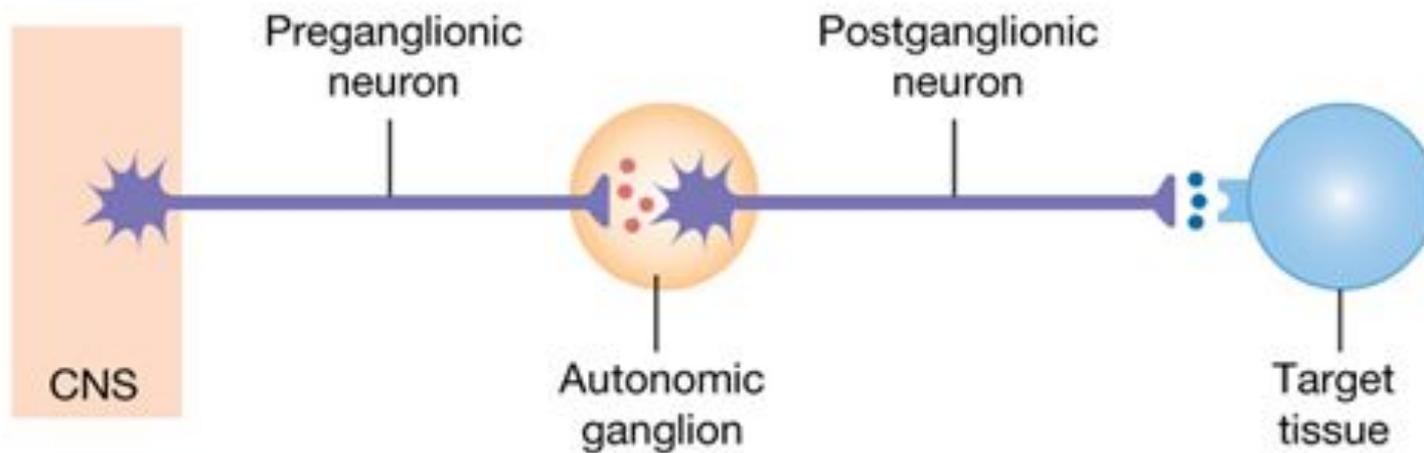
FBAF1 - 2023

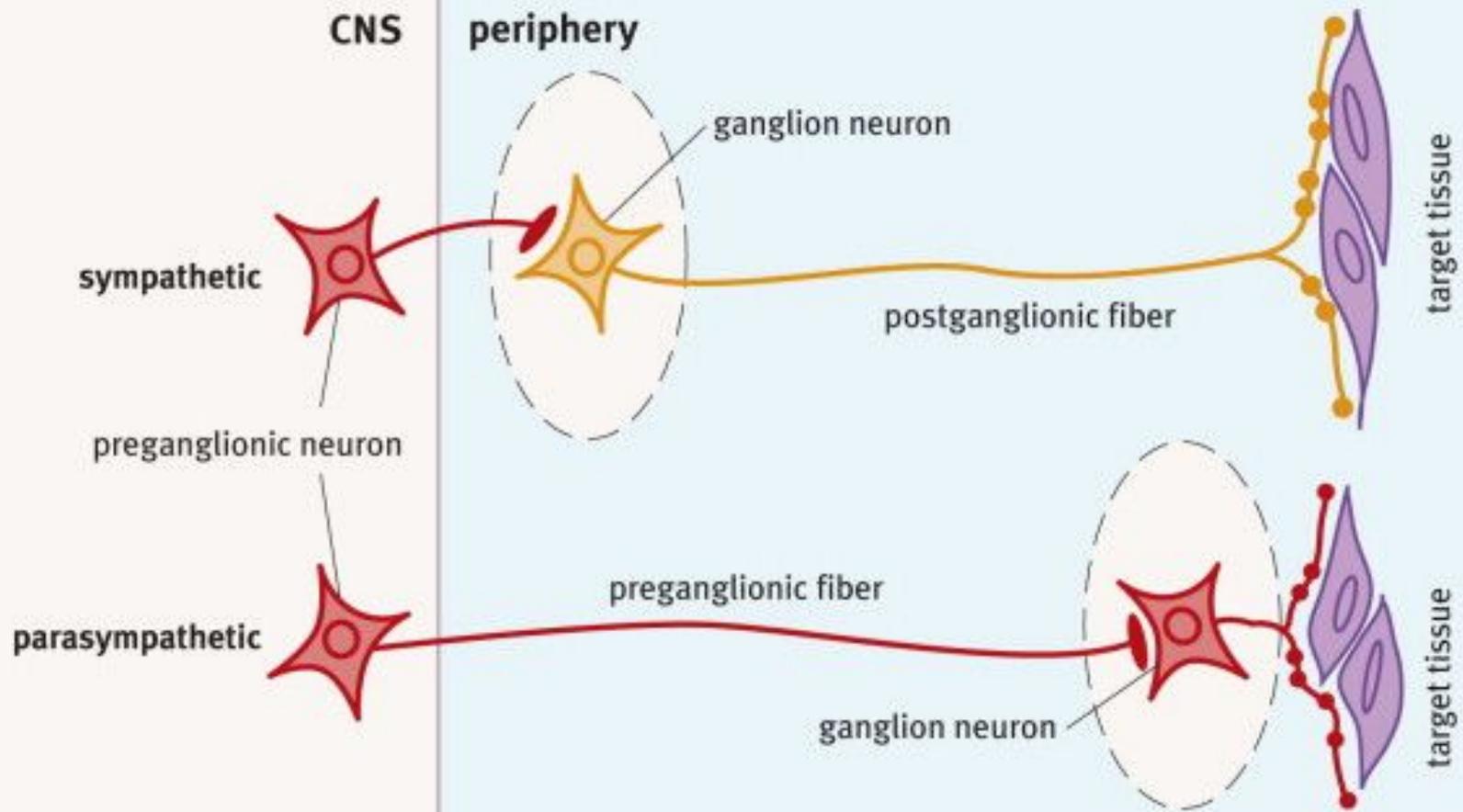
# Sympathetic

# Parasympathetic

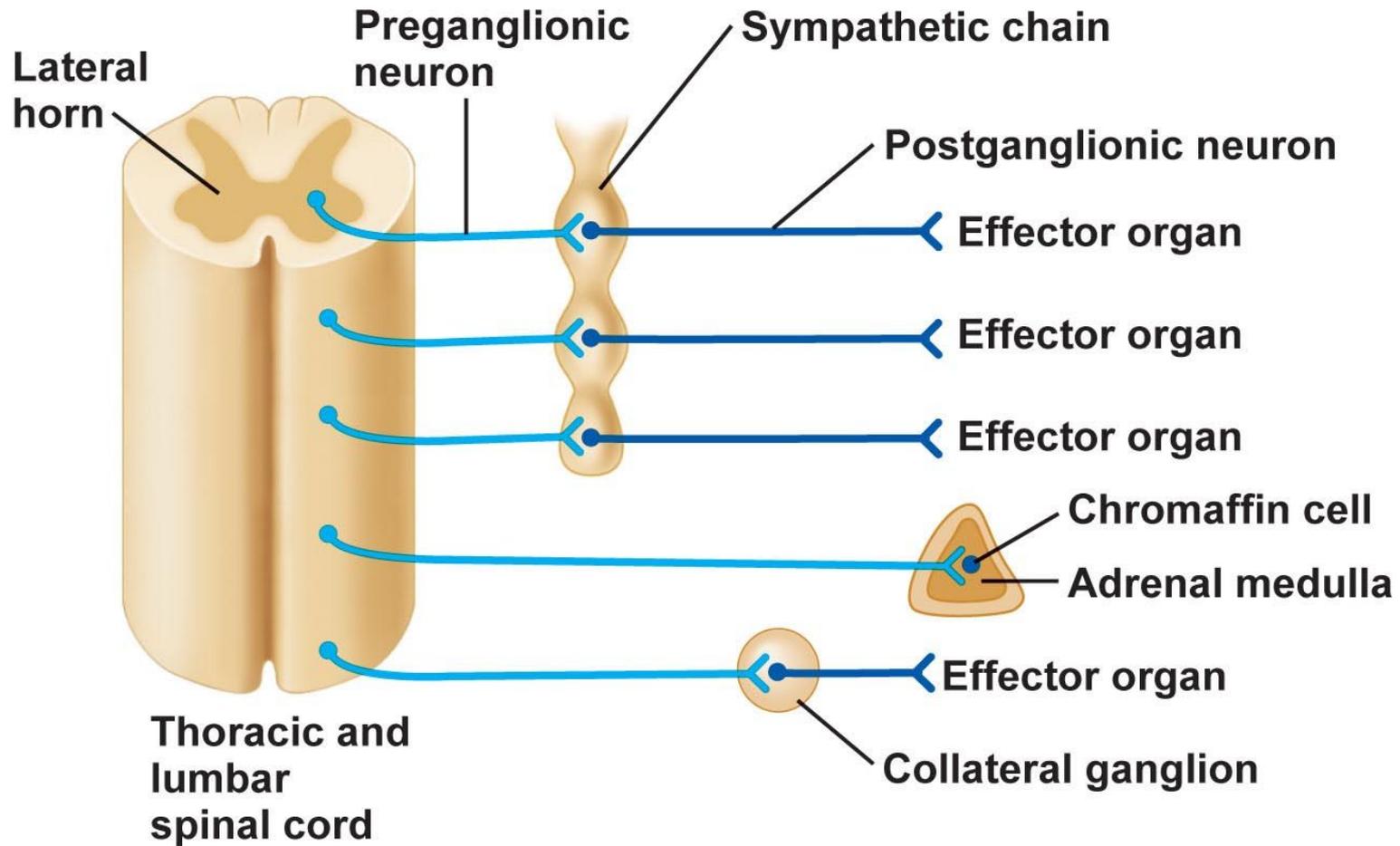


Autonomic pathways consist of two neurons that synapse in an autonomic ganglion.



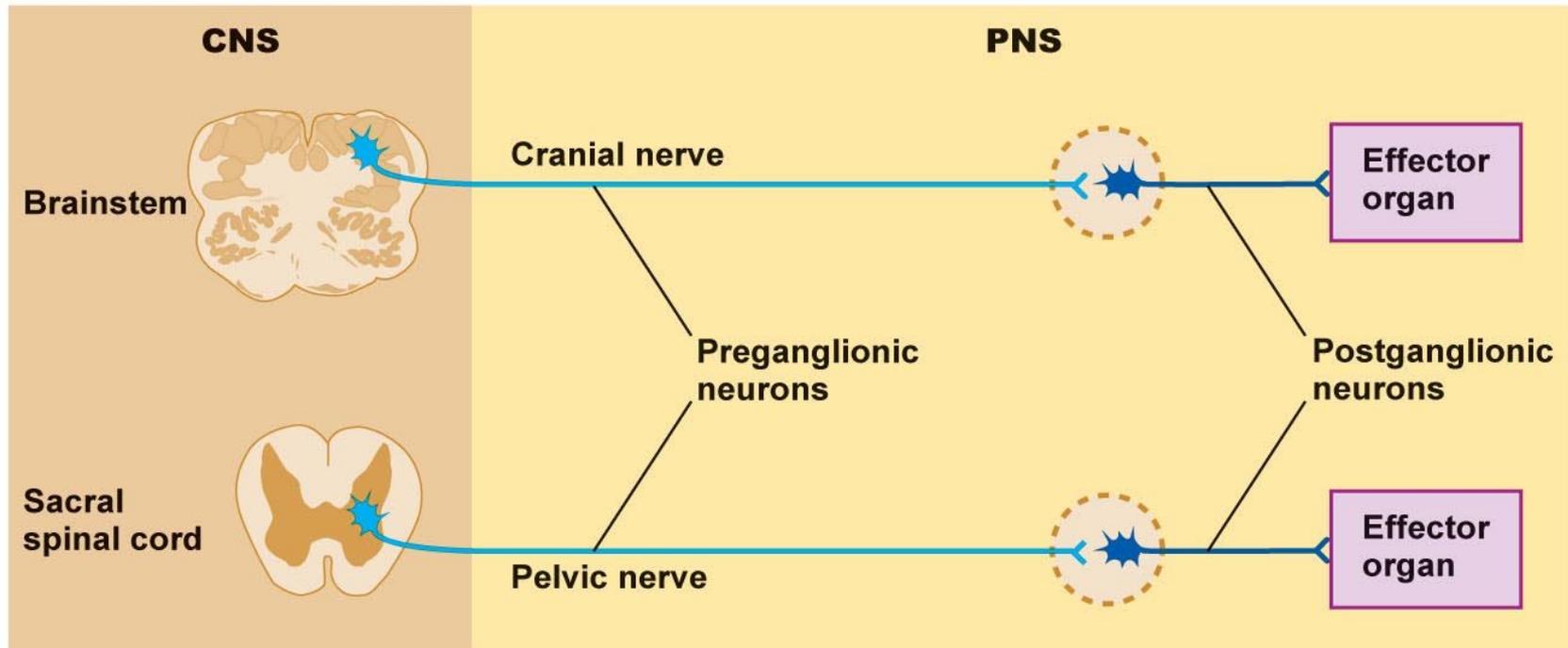


# Simpático



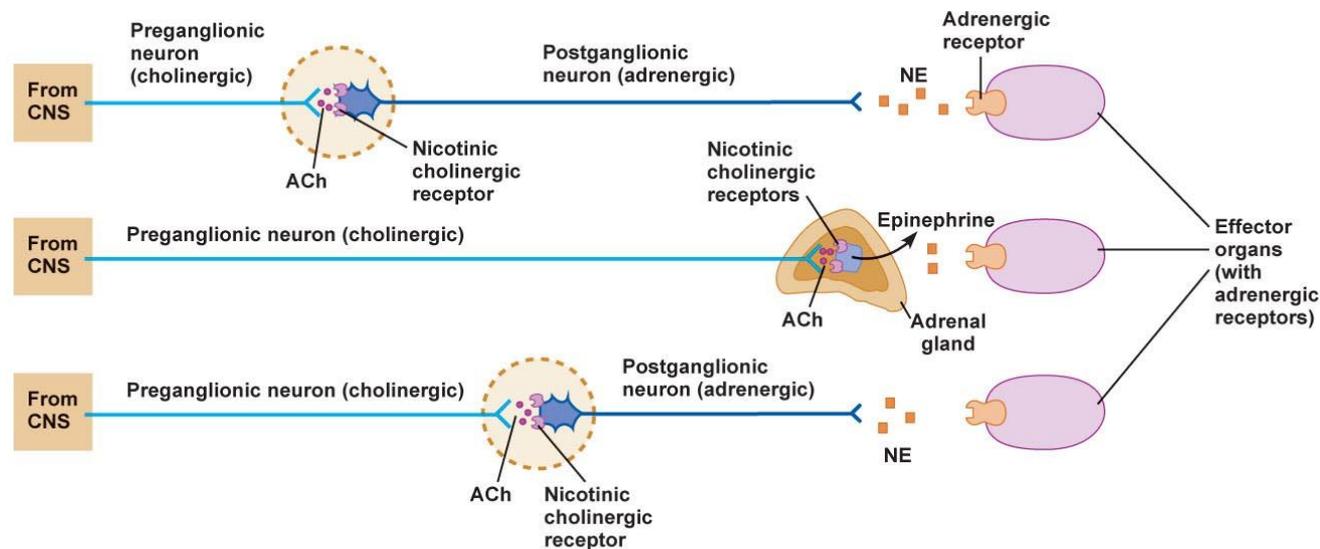
# Parassimpático

- rest and digest (repousar e digerir).
- nervos cranianos oculomotor (III), facial (VII), glossofaríngeo (IX) e vago (X)

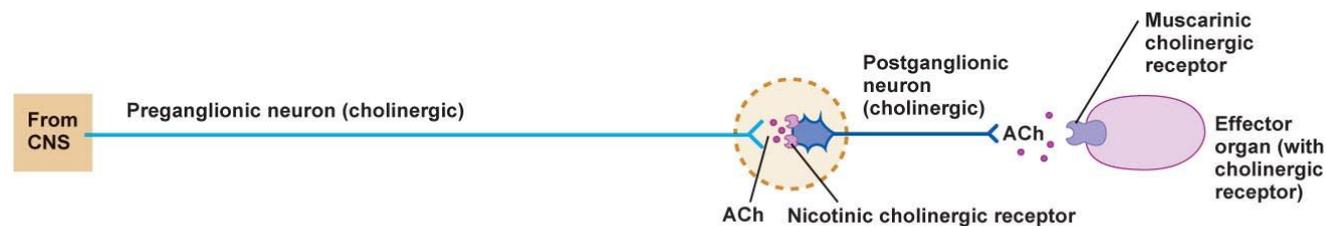


# Neurotransmissores

- **Acetilcolina (neurônios colinérgicos)** - neurônios pré-ganglionares, neurônios pós-ganglionares do parassimpático e alguns pós-ganglionares do simpático (glândulas sudoríparas)
- **Norepinefrina ou noradrenalina (neurônios adrenérgicos)** - quase todos neurônios pós-ganglionares

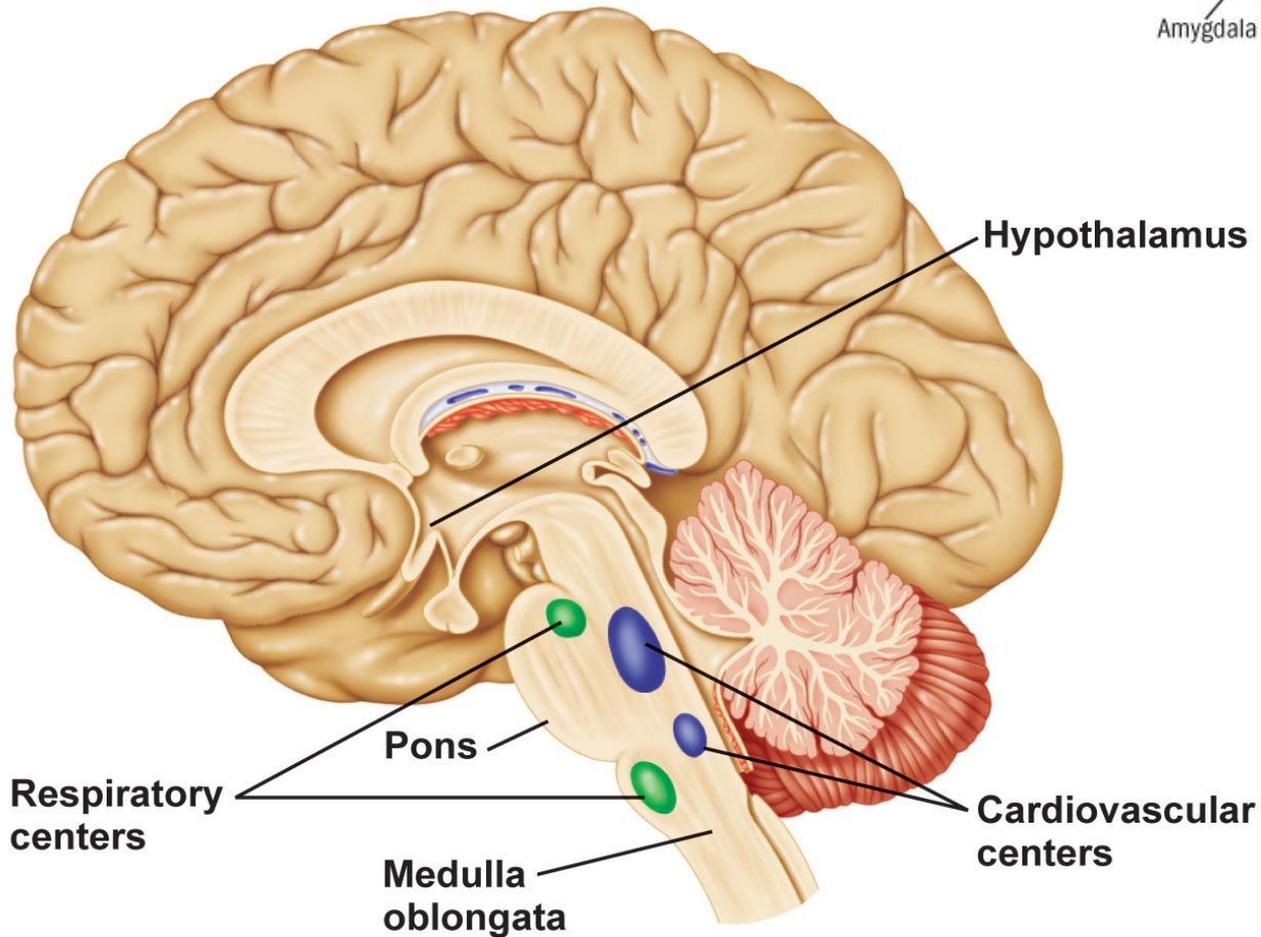
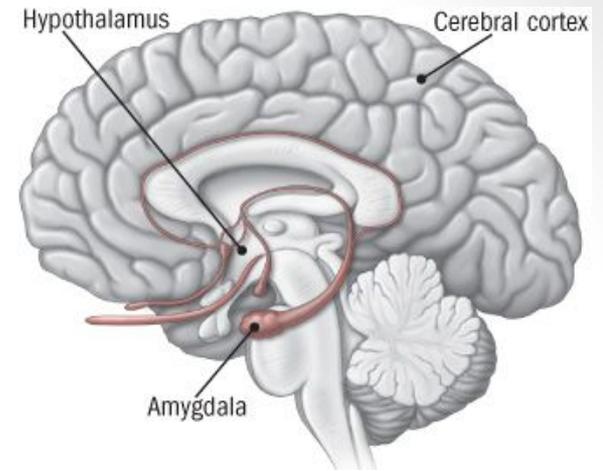


(a) Sympathetic nervous system



(b) Parasympathetic nervous system

# Controle central



# Segundo cérebro

