

Neuro 80 Section 1

Sept 13, 2019

- cranial nerves: on the medulla and pons, connects brain
- 120° angle between the brain and brainstem
- brainstem: pons, medulla, midbrain
- diencephalon: thalamus, hypothalamus, pineal body, pituitary
- other than sagittal: horizontal, coronal
- what is the corpus callosum made of: white matter, axons that connect the two sides of the brain

Brain Trivia:

- Broca's area: region in frontal lobe, linked to speech production (articulate speech)
- Cingulate cortex: above corpus callosum, part of limbic lobe and associated w/ emotional responses
- Entorhinal cortex: located in medial temporal lobe, hub in network for memory, navigation, time
- Orbitofrontal cortex: located in frontal lobe, implicated in cognitive process of decision making
- Premotor cortex: located in frontal lobe, projects directly to spinal cord, functions in behavior
- Substantia nigra: basal ganglia structure in midbrain, produces dopamine, important for reward/movement
- Wernicke's area: important for language development, temporal lobe

