

What are some functions of the parahippocampal gyrus and temporal pole?

PHG = learning and memory; temporal pole = anxiety/emotions

What are the three major nuclear groups of the amygdala?

Basolateral, central, corticomедial

What is the projection target of the cholinergic cells of the basal nucleus?

Cortex

What is the projection target of cholinergic septal neurons?

To hippocampal formation

What are the layers of the various components of the hippocampal formation?

Dentate gyrus: plexiform, granular, molecular

Hippocampus/subiculum: plexiform, pyramidal, molecular

Which horn of what ventricle lies just lateral to the hippocampus?

Inferior horn of lateral ventricle

The pyramidal cell layer of the hippocampus is replaced by what cell layer in the dentate gyrus?

Granular

What is the orientation of the apical dendrites of the pyramidal cells relative to laminar structure of the hippocampus?

Perpendicular

To what cortical gyrus do neurons of the anterior nucleus project?

Cingulate

What thalamic nucleus receives a projection from the mammillary bodies (via mammillothalamic tract)?

Anterior

What are the 4 components of the corpus callosum?

Rostrum, genu, body, splenium