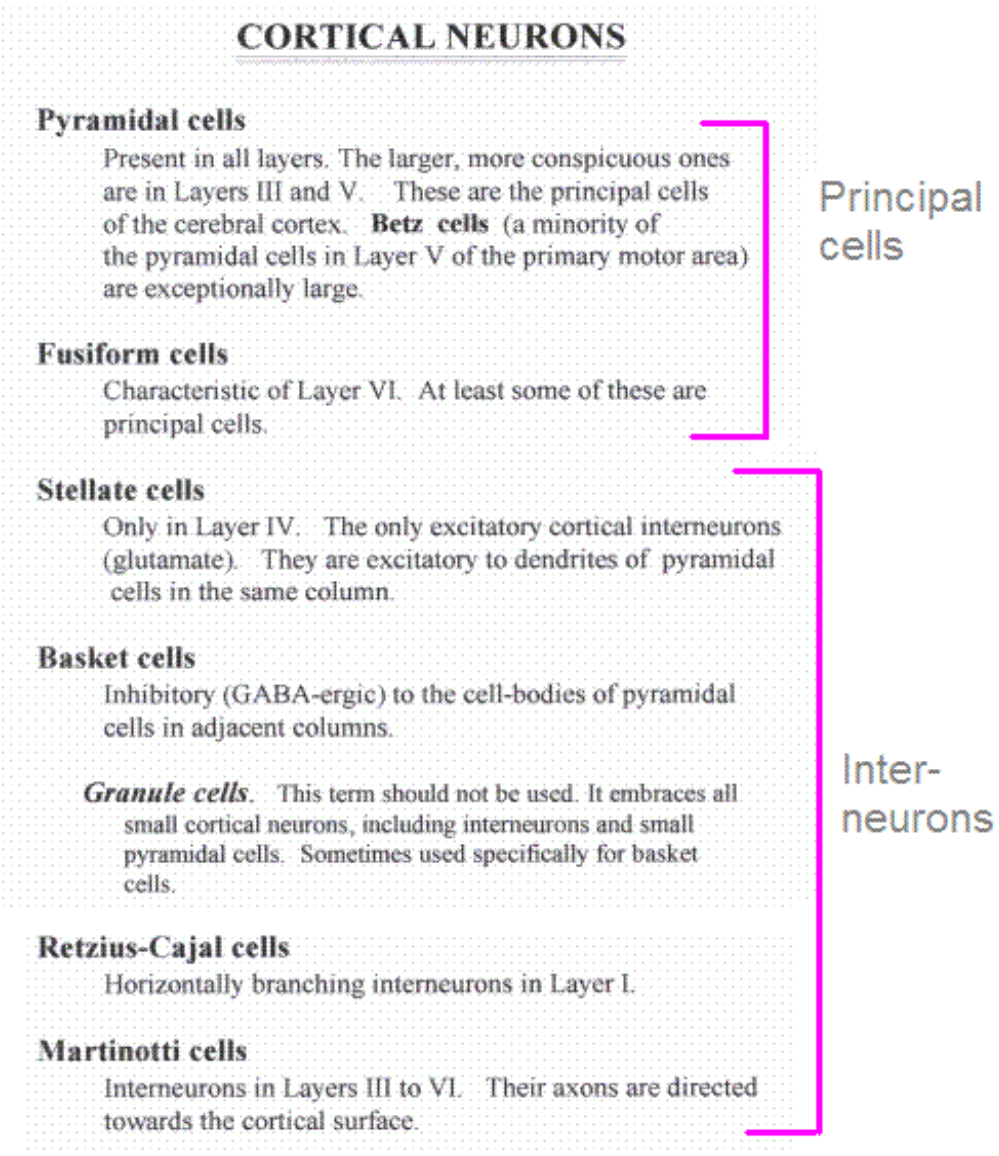
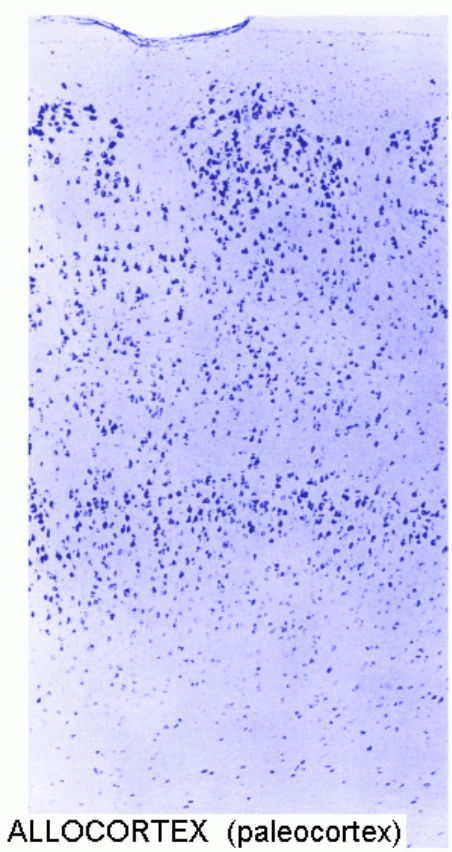
Anatomy 9535. NEURONS OF THE CEREBRAL CORTEX.

Cell types:

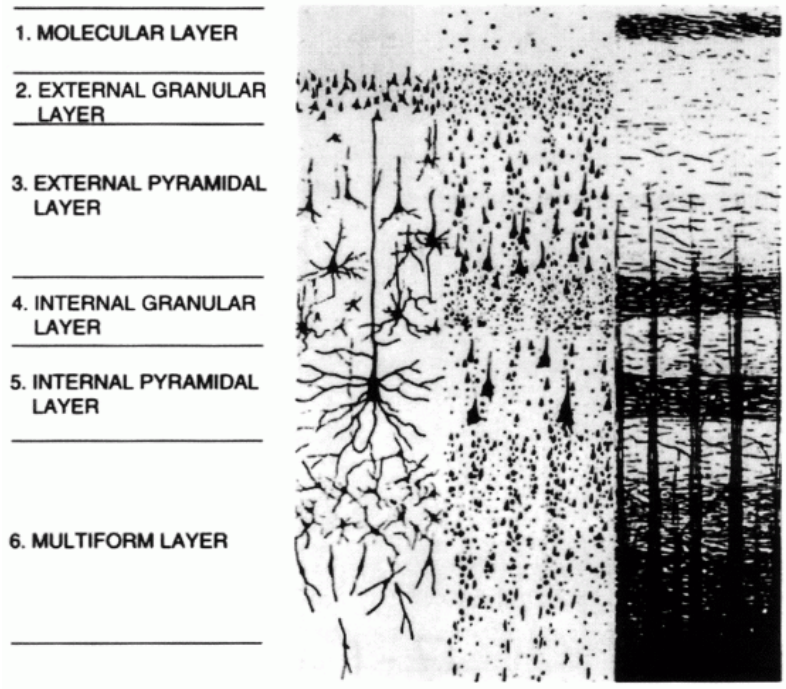




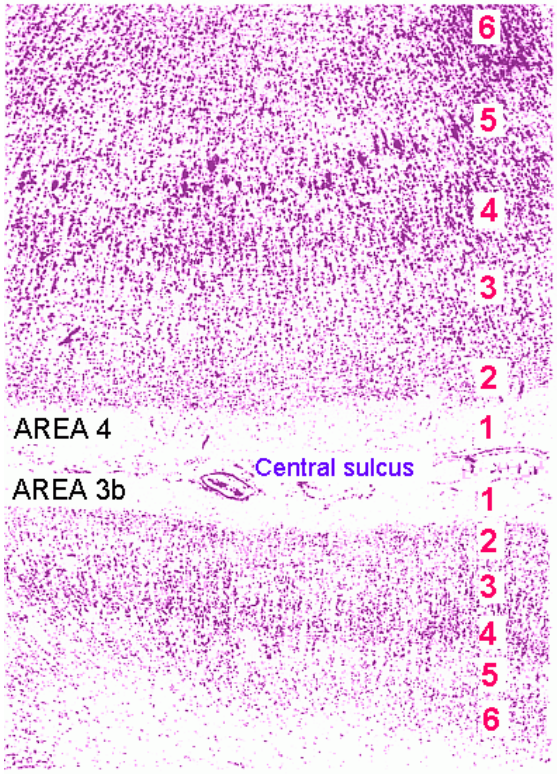
ALLOCORTEX (paleocortex)

Three-layered cortex. Separated from Neocortex by the rhinal sulcus.

ISOCORTEX (= NEOCORTEX) has 6 layers:



Golgi Nissl Myelin

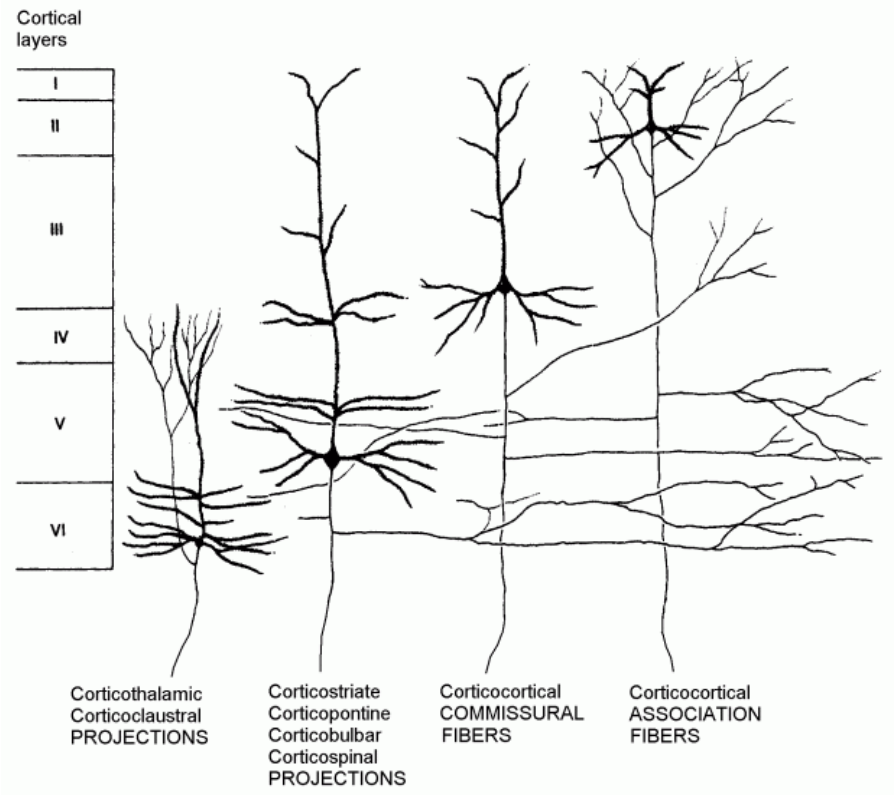


Agranular cortex.
Typical of motor areas.

Large pyramidal cells in Layer 5.
Giant pyramidal (Betz) cells only in primary motor area.

Granular cortex is thin.
Typical of primary sensory areas.

Principal cells have somata in different layers, according to the destinations of their axons:



Examples of intracortical circuits.