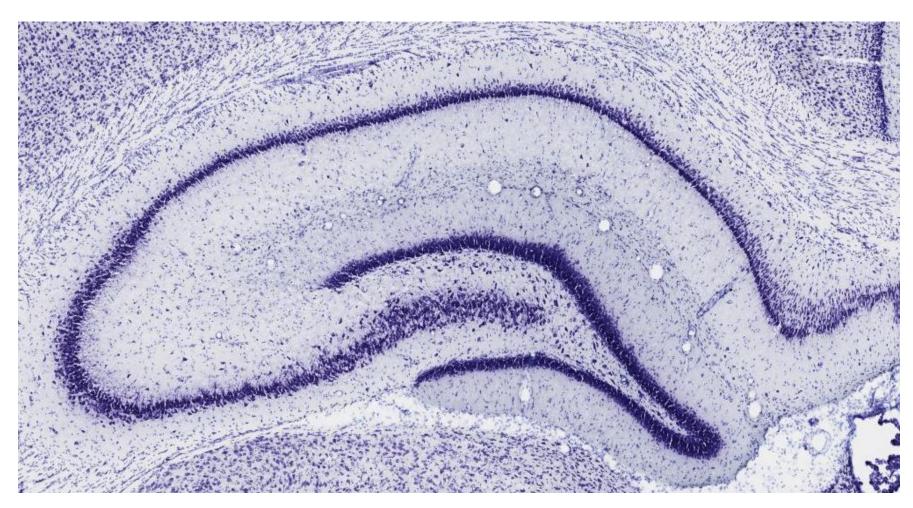
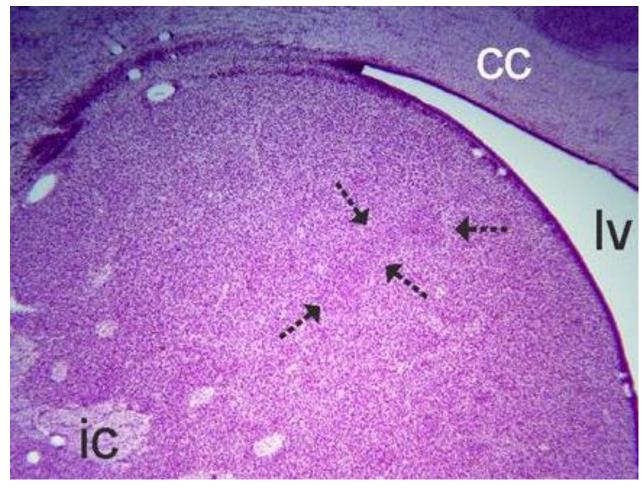


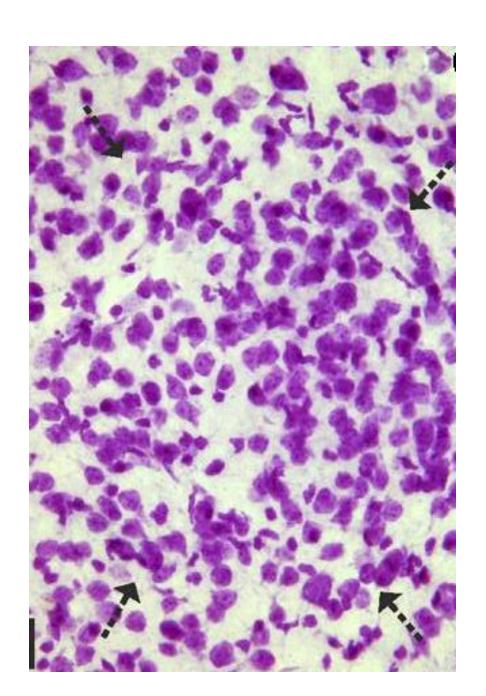
Nissl stain - Visual cortex

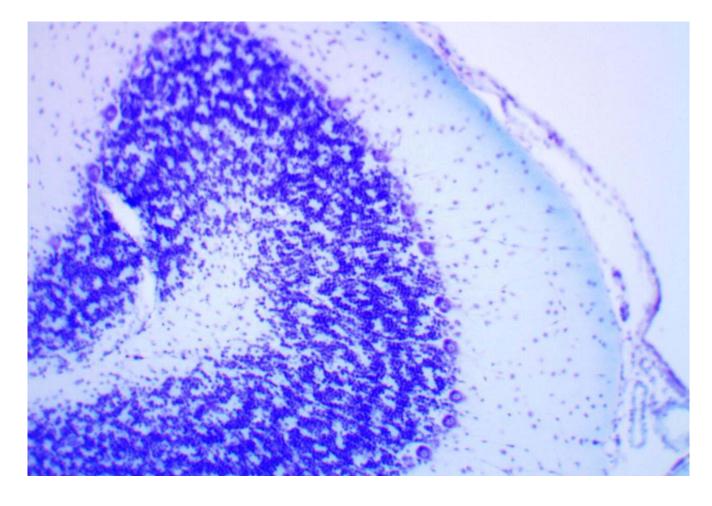


Nissl stain – Hippocampus

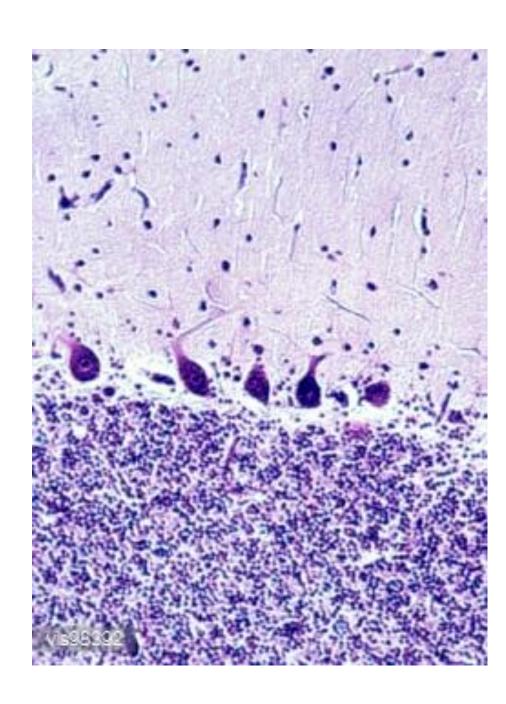


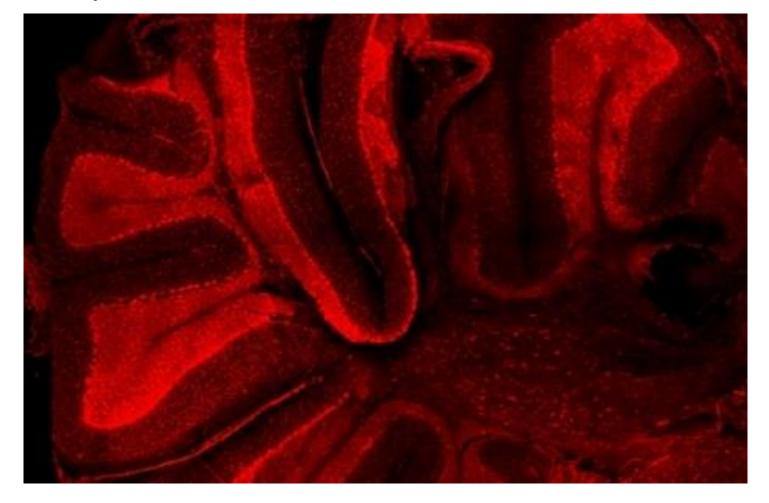
Nissl stain – Neostriatum



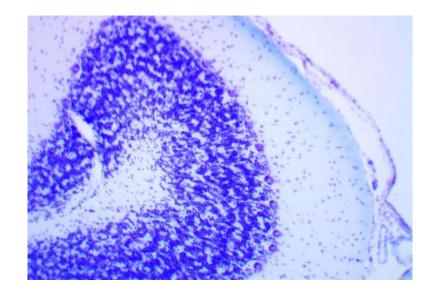


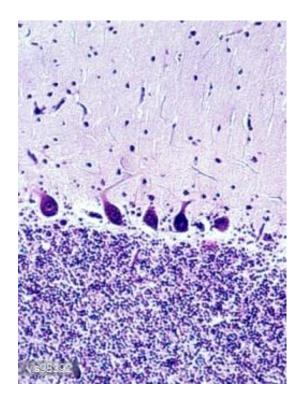
Nissl stain - Cerebellar cortex

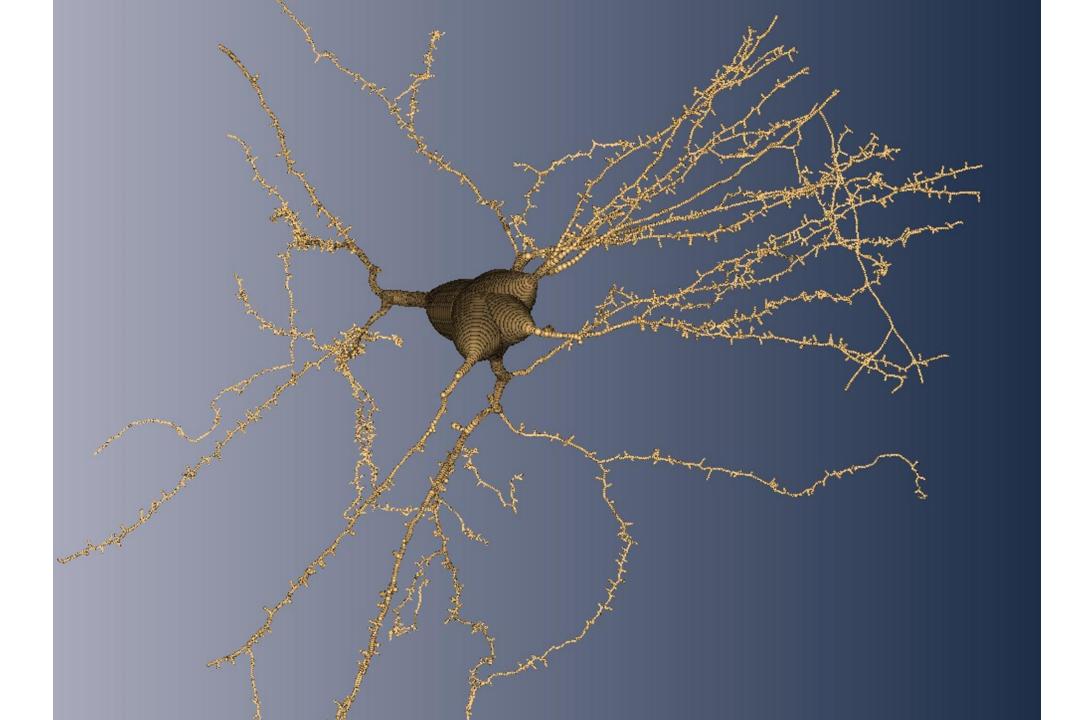




Nissl stain - Cerebellar cortex





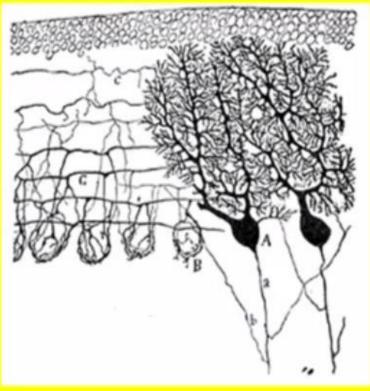


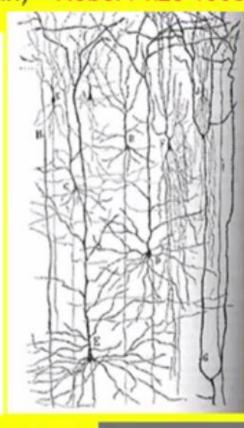


#### Beginning of Modern Neuroscience – Cellular Anatomy

The two giants: Camillo Golgi (Italy) & S. Ramon Y Cajal (Spain) - Nobel Prize 1906





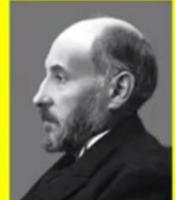




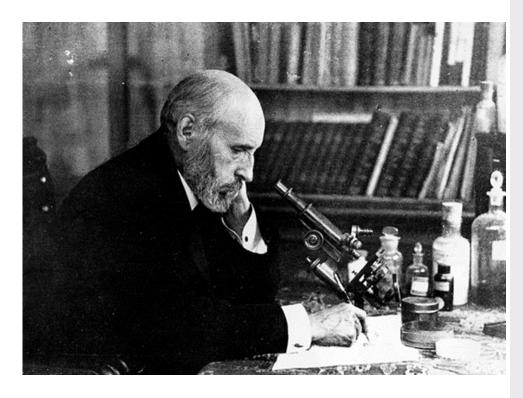
Using Golgi staining method Very small % of cells stained Connections (synapses) - not seen

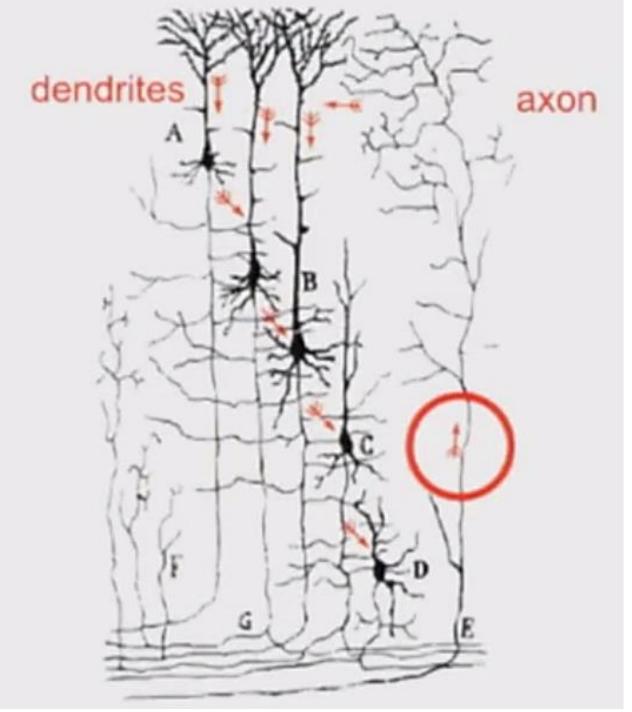
The neuron doctrine (Cajal)
Our brain is built from individual cells

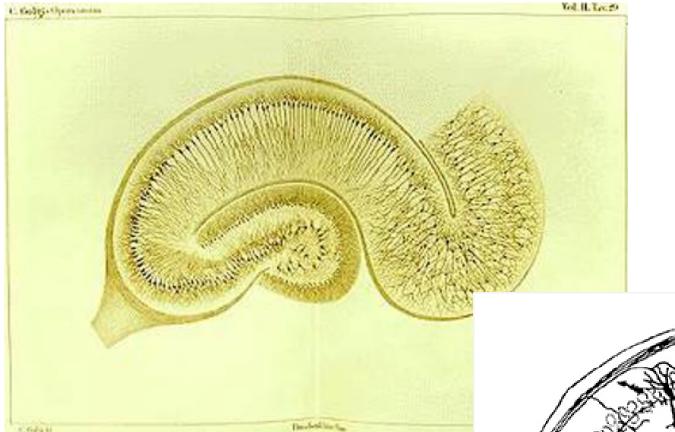




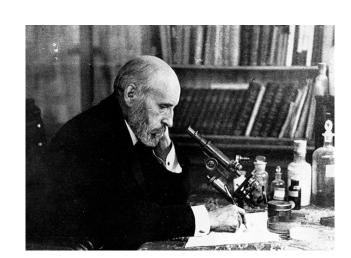
#### Ramon Y Cajal

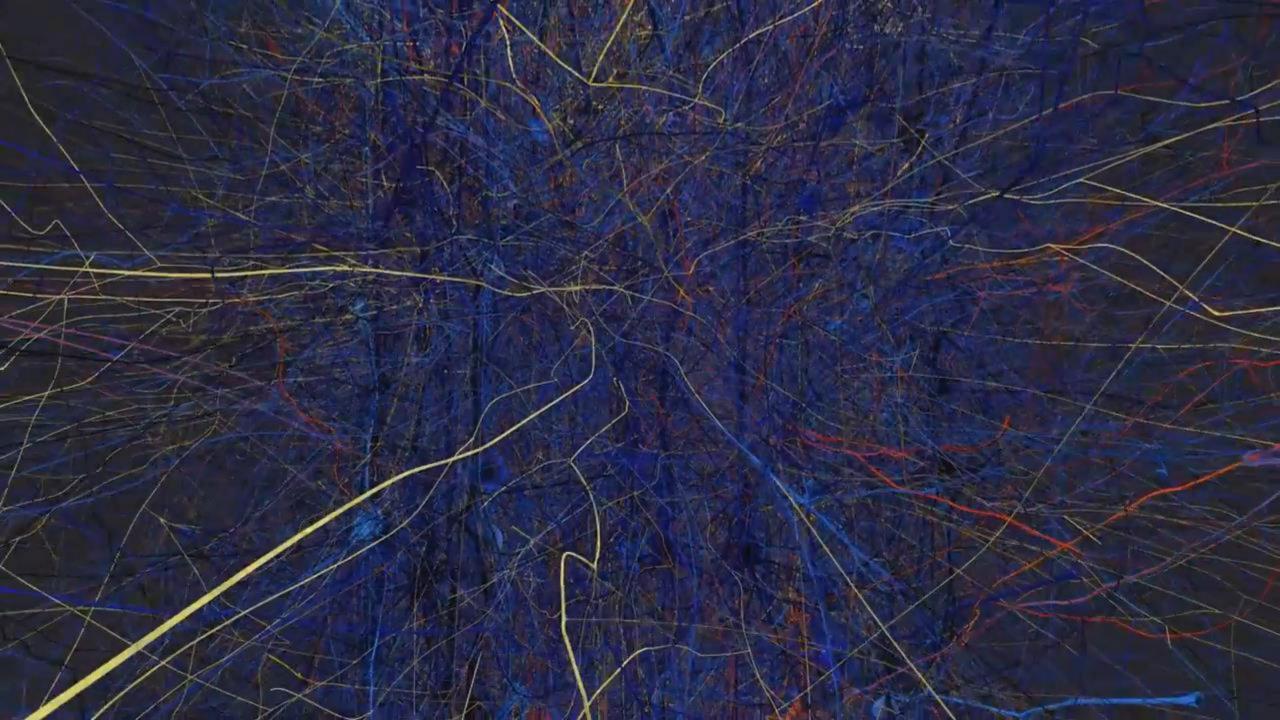






#### Ramon Y Cajal





# Cytoarchitecture and Connections

- Neocortex
- Hippocampus
- Neostriatum
- Cerebellum

