

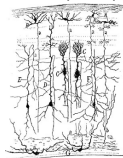
History of Brain Research

A long way down

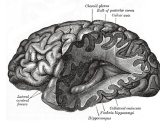
- 1700 BC: Already Egyptians had some knowledge about brain structure
- 17th c.: *Neurology*, status of brain: Thomas Willis (et al)
- 19th c.: Visualization, *neuron doctrine*: Golgi → Ramón y Cajal
- Late 19th c.: neuron electrically excitable
- 20th c.: Brodmann areas (1909); Hodgkin-Huxley model (1952); *neuroscience*
- Today: Brain still not fully decoded
 - Brain atlases in high resolution
 - Models to describe dynamic behavior
 - **Large-scale efforts**



Willis (1664)



Ramón y Cajal (1888)



Gray and Lewis (1918)