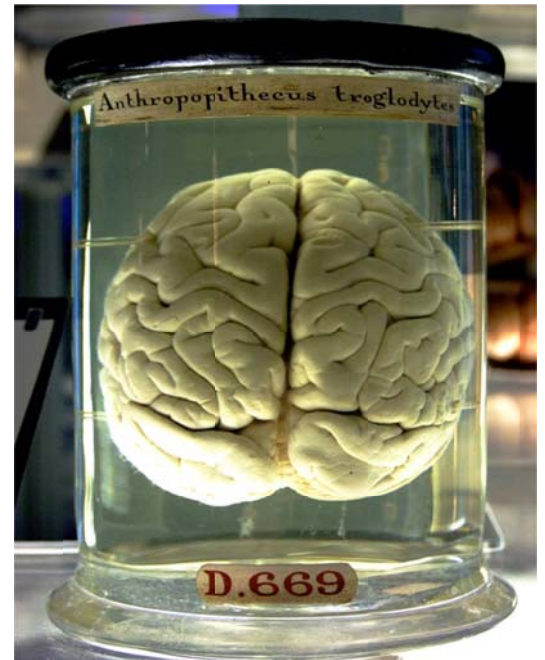


# The Brain

The brain is an organ that serves as the center of the nervous system in all vertebrate and most invertebrate animals. The brain is located in the head, usually close to the sensory organs for senses such as vision. The brain is the most complex organ in a vertebrate's body. In a human, the cerebral cortex contains approximately 15–33 billion neurons,<sup>[1]</sup> each connected by synapses to several thousand other neurons.



**Answer the following questions or statements about the brain**

- List three protections of the nervous system.
- ***Include a picture of a brain with each of the major sections labeled including the four lobes we talked about. This may have to be two pictures.***
- List and describe three functions of the cerebrum
- What is the function of Broca's Area?
- List and describe the three parts of the brain stem and their functions.
- ***Include a detailed and labeled picture of the brain stem.***
- List and describe two functions of the cerebellum and two consequences of damage to the cerebellum.