

<Neuron>- Soo Mi, Sara, Jamie

Date:

Name:

What is a neuron?

*Nerve cell which process and transmit info.

*100 billion neurons are in an adult's brain.

*Each Neuron has different job.

What is its structure?

*Dendrites- Receives info. from other neurons and sends it to the cell body.

*Cell body (Soma): Receives info. from the dendrites.

Also contains the neuron's nucleus

*Axon- Sends message from cell body to axon terminal.

*Myelin sheath- lining on the outside of axon. Protects and insulates the axon.

*Axon terminal: the end of the neuron that transfers info. to other neurons through a synapse.

*Synapse: "gap" between the end of the axon and the beginning of the dentrite.

How does it work?

*Signals move through an individual nerve cell, electrical charge.

*When a charge reaches a synapse, it trigger release of tiny bursts of chemicals, neurotransmitter.

*The neurotransmitter travel across the synapse, carrying signals to other neurons.

