

Synapse
CO.uk
Neurotransmitter kroken down by enzymes.
Digested neurotransmitter reabsorbed back into Pheurotranspirater swellings.

Synapse

\* Can be recycled.

**\*** At synapse: • Electrical Impulse → Chemical Impulse **Electrical Impulse** 

Cerebral cortex: Quot part of cerebrum = grey matter. \* Inner part of cerebono white matter.

Cerebrum

\* Nerve fibres of white matter connect different areas of cortex and the 2 sides of the brain (connected by corpus callosum).

Heavily folded. Notesale.co.uk
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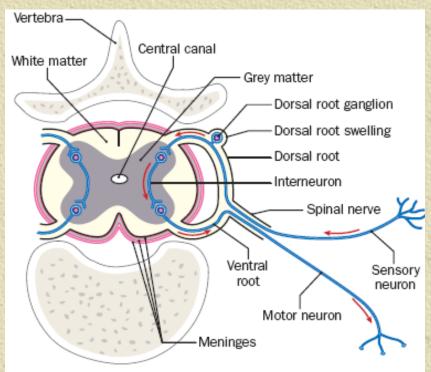
- Controls muscular coordination.
- Allows smooth, refined muscular action.
- Controls balance.

\* Responses of cerebellum are involuntary, once process initially learned.

Cerebellum

Spinal Cord
Composed of nerveotssite.
Surrounded by vertebrae for protection.
Transmits impulses to and from brain.

**Controls reflex actions.** 



 Located in neural cotal of vertebrae.
 Neural canal pinet b \* Neural anal line by theninges.

\* White matter (axons) on outside.

K Grey matter (cell bodies and dendrites) on inside in Hshape.

Spinal Cord

\* Central canal in centre of grey matter. **\*** Contains CSF.

**Synapses made in spinal cord:** 

- Interneuron carries impulse across spinal cord to motor neuron.
- Neuron takes impulse to brain.

Motor neuron takes impulse immediately to effector (muscle or gland).

**\*** Hand is pulled back from hot flame.