

What is Cerebellum?

June 16, 2023 • vajiramandravi.com



About Cerebellum:

- The cerebellum, which stands for **“little brain”**, is a **structure of the central nervous system**.

- **Location:** It is a **part of your brain located at the back of your head**, just **above and behind**, where **your spinal cord connects to your brain** itself.
- It only accounts for around **10% of total brain weight but contains** as many as **80% of all neurons** in the brain.
- **Functions:**
 - **Maintaining balance:** The cerebellum has special sensors that **detect shifts in balance and movement**. It **sends signals for the body to adjust** and move.
 - **Coordinating movement:** Most body movements require the coordination of multiple muscle groups. The **cerebellum times muscle actions so that the body can move smoothly**.
 - **Vision:** The cerebellum **coordinates eye movements**.
 - **Motor learning:** The cerebellum **helps the body to learn movements that require practice and fine-tuning**. For example, the cerebellum plays a role in learning to ride a bicycle or play a musical instrument.
 - **Other functions:** Researchers believe the cerebellum has **some role in thinking, including processing language and mood**.

What is Cerebrum?

- Cerebrum is the **largest part of your brain** and **includes parts above and forward of the cerebellum**.
- It **receives and gives meaning to information from the sense organs** and **controls the body**.
- It is also essential for **memory, reasoning, communication, emotions**, and many other functions.
- The **cerebellum and brainstem sit below the cerebrum** and work alongside it to control the voluntary actions in the body.

Q1) What is Cerebrum?

Cerebrum is the **largest part of your brain** and **includes parts above and forward of the cerebellum**. It **receives and gives meaning to information from the sense organs** and **controls the body**.

Source: [Research Finds Part Of Human Brain That Is Most Affected By COVID-19](#)

Source: <https://vajiramandravi.com/current-affairs/what-is-cerebellum/>

© Vajiram & Ravi. For personal use only.