

MYELENCEPHALOUS

Meaning: Myelencephalous refers to the part of the brain that includes the medulla oblongata, specifically relating to the development or characteristics of the myelencephalon in vertebrates.

1. The term 'myelencephalous' is often used in discussions of vertebrate neural development.
2. Researchers focused on the myelencephalous regions to understand brainstem functions.
3. In certain species, the myelencephalous area plays a crucial role in autonomic regulation.
4. Myelencephalous structures are vital for coordinating respiratory and cardiovascular activities.
5. The study of myelencephalous anatomy provides insights into evolutionary adaptations in aquatic organisms.

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