

CIRCUMESOPHAGEAL

Meaning: Circumesophageal refers to the anatomical structure surrounding the esophagus, particularly in cephalopods, involving a nerve ring and ganglia that are important for nervous system function and motor coordination.

1. The circumesophageal nerve ring plays a crucial role in the nervous system of cephalopods.
2. Researchers found that the circumesophageal ganglia are essential for coordinating motor functions.
3. During the dissection, the circumesophageal tissue was examined for signs of neural regeneration.
4. The study highlighted the importance of the circumesophageal region in the feeding behaviors of marine invertebrates.
5. Understanding the circumesophageal anatomy could provide insights into the evolutionary adaptations of mollusks.

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