

PSEUDOCOELE

Meaning: PSEUDOCOELE: A body cavity in certain invertebrates that is partially lined with mesodermal tissue, allowing for movement and organ function.

1. The term pseudocoele refers to a body cavity that is not entirely lined by mesodermal tissue.
2. In certain invertebrates, the presence of a pseudocoele can facilitate movement and organ function.
3. Researchers often study organisms with a pseudocoele to understand evolutionary adaptations.
4. The pseudocoele serves as a hydrostatic skeleton, providing support to the animal's body.
5. In contrast to true coelomates, pseudocoelomates have a simpler body plan due to the nature of their body cavity.

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