

OTOCYST

Meaning: OTOCYST: A sensory organ in aquatic organisms that aids in balance and orientation by detecting changes in water pressure.

1. An otocyst is a sensory organ found in many aquatic organisms that helps them maintain balance and orientation.
2. The otocyst detects changes in water pressure, allowing fish to respond quickly to their environment.
3. Researchers studied the otocyst of various invertebrates to understand its evolutionary significance.
4. In some species, the otocyst is crucial for detecting sound waves, aiding in communication and navigation.
5. Damage to the otocyst can lead to disorientation and difficulties in swimming for fish.

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