

SOMATOPLEURE

Meaning: Somatopleure refers to the outer layer of the lateral mesoderm in embryonic development that contributes to the formation of body cavities and associated structures.

1. The somatopleure is an important structure in embryonic development, contributing to the formation of body cavities.
2. Researchers have discovered that alterations in the somatopleure can lead to various developmental disorders.
3. In vertebrate embryos, the somatopleure plays a crucial role in the differentiation of somatic mesoderm and ectoderm.
4. Understanding the somatopleure's function is essential for advancements in regenerative medicine and tissue engineering.
5. The somatopleure connects the lateral mesoderm with the overlying ectoderm, forming the foundation for the body's structure.

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