

SOMITE

Meaning: Somite: a segmented block of mesodermal tissue in an embryo that contributes to the development of the vertebral column and associated structures.

1. During embryonic development, somites play a crucial role in the segmentation of the body.
2. The formation of somites is a key indicator of the developmental stage of an embryo.
3. Researchers have found that somites are essential for the proper organization of skeletal muscle and vertebrae.
4. Each somite gives rise to specific tissues, including dermis, muscle, and vertebrae.
5. Abnormalities in somite development can lead to various congenital disorders affecting the spine.

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