

SCLEROTOME

Meaning: Sclerotome: a region of mesoderm in the embryo that develops into the vertebrae and other skeletal structures.

1. The sclerotome plays a crucial role in the development of the vertebral column.
2. In embryology, the sclerotome is responsible for forming the vertebrae and other skeletal elements.
3. During the research, scientists observed how the sclerotome differentiates from the somite.
4. Understanding the function of the sclerotome can provide insights into spinal cord injuries.
5. The sclerotome's interaction with surrounding tissues is vital for proper skeletal formation.

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