

OSTEOBLAST

Meaning: Osteoblast: a type of cell responsible for the formation of new bone tissue.

1. Osteoblasts are crucial for the formation of new bone tissue during the growth and healing process.
2. Inadequate osteoblast activity can lead to weakened bones and increased risk of fractures.
3. Researchers are investigating how osteoblasts communicate with other cells in the bone microenvironment.
4. The differentiation of mesenchymal stem cells into osteoblasts is a key step in bone regeneration.
5. By stimulating osteoblasts, scientists hope to develop new therapies for osteoporosis and other bone disorders.

Source: sentences.whatistheurl.com

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