

Bone Loss in Astronauts

Osteoclasts

Osteoclasts are the cell responsible for resorbing bone tissue



Osteogenic Cells

Undifferentiated cells with high mitotic activity that differentiate and develop into osteoblasts. Osteogenic cells are the only bone cell that can divide.

Osteoblasts

Osteoblasts are the cell responsible for forming new bone tissue



Osteocytes

Primary cell in mature bones that is responsible for maintaining the bone matrix