

KRISHGEN BioSystems

Mesenchymal Stem Cells

From world leader in primary cells - PromoCell GmbH

Features of our Mesenchymal Stem Cells

- Multipotent adult stem cells.
- Frozen on primary passage
- Tested for *in vitro* differentiation.
- Routinely analyzed by flow cytometry.
- Growth medium available
- 5 optimized differentiation media available.
- Available from 3 Different Tissues.

PromoCell[®]
bioscience alive

**** New ****

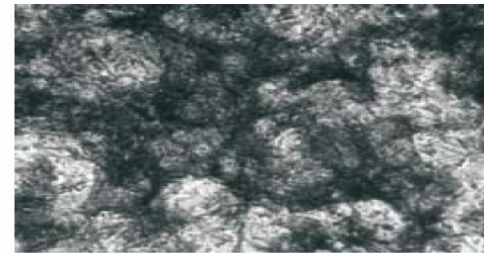
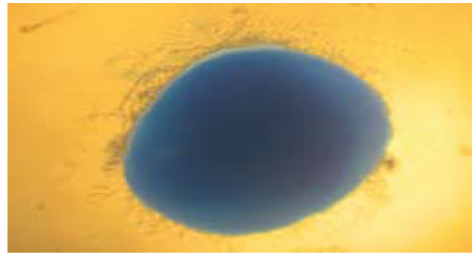
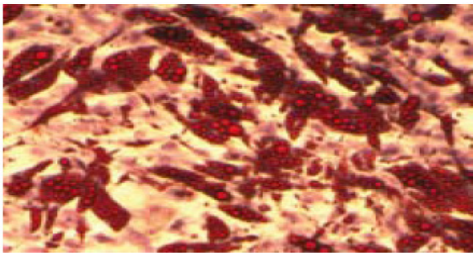


Fig. 2: Left: hMSC-BM after *in vitro* differentiation into adipocytes using PromoCell Mesenchymal Stem Cell Adipogenic Differentiation Medium (lipid droplets stained with Oil Red O). Middle: hMSC-BM spheroid after *in vitro* differentiation into cartilage using PromoCell Mesenchymal Stem Cell Chondrogenic Differentiation Medium (Alcian Blue staining). Right: hMSC-BM after *in vitro* differentiation into osteoblasts using PromoCell Mesenchymal Stem Cell Osteogenic Differentiation Medium (alkaline phosphatase staining).

Human Mesenchymal Stem Cells from Bone Marrow (hMSC-BM)

- Harvested from normal human bone marrow.
- Tested for ability to differentiate *in vitro* into adipocytes, chondrocytes, & osteoblasts.

Human Mesenchymal Stem Cells from Umbilical Cord Matrix (hMSC-UC)

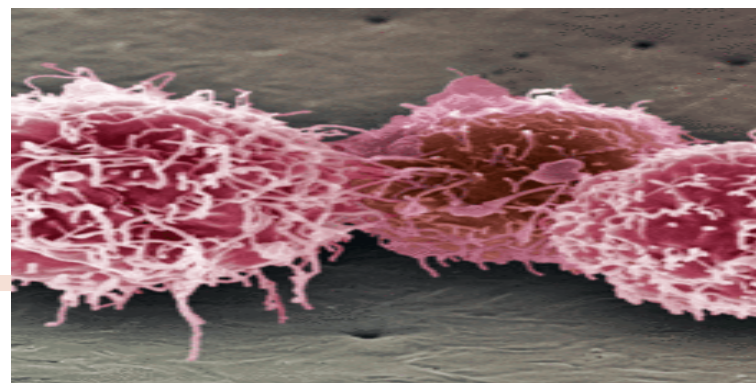
- Harvested from normal human umbilical cord matrix (Wharton's jelly).
- Tested for ability to differentiate *in vitro* into adipocytes, chondrocytes, & osteoblasts.

Human Mesenchymal Stem Cells from Adipose Tissue (hMSC-AT)

- Harvested from normal human adipose tissue.
- Tested for ability to differentiate into adipocytes, chondrocytes, & osteoblasts.

Mesenchymal Stem Cell Applications

- Stem cell research
- Regenerative medicine research
- Tissue engineering studies
- Developmental experiments



Know more at www.promocell.com