In this issue

Research Article

**Adipogenic and Osteogenic Markers Characterization of Human Amniotic Fluid Stem Cells**

Published On: December 29, 2016 | Pages: 025 - 032

Author(s): Hassan IH El-Sayyad*, Mohamed A Sobh, Soad A Khalifa, Omnia KRA El-Sayyad

Objective: Human amniotic fluid stem cells (HAFSCs) derived from human amniotic fluid during parturition are of good source in regenerative medicine for development to either adipocyte, chondrogenic or osteogenic cells. ...

Abstract View | Full Article View | DOI: 10.17352/sscrt.000009

Research Article

**Adipose DerivedMesenchymal Stem Cell Differentiation into Adipogenic and Osteogenic Stem Cells**

Published On: December 29, 2016 | Pages: 017 - 024

Author(s): Hassan IH El Sayyad1*, Mohamed A Sobh2, Soad A Khalifa1 and Omnia KR El-Sayyad

Objective: Lipoaspiration of human breast fats are important source of adipocyte stem cells (hAMSCs) which play a great role in regenerative medicine. The present study illustrates its capability of its transformation and characterization of adipocyte, osteogenic or chondrogenic cells. ...

Abstract View | Full Article View | DOI: 10.17352/sscrt.000008

Research Article

**A New Catheter Technology to Deliver Vascular Stem-Cells**

Published On: December 13, 2016 | Pages: 007 - 016

Author(s): Brian D Plourde, John R Stark and John P Abraham*

A new device has been designed, developed and tested to improve the capacity of vascular drug and stem cell delivery.
The device consists of a catheter with a multitude of small lumens (instead of a large central channel lumen). ...