

In this issue

Research Article

[Open Access](#) [Research Article](#) PTZAID:SSCRT-2-109

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/sscr.000009](#)

[Open Access](#) [Research Article](#) PTZAID:SSCRT-2-108

Adipose Derived Mesenchymal 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/sscr.000008](#)

[Open Access](#) [Research Article](#) PTZAID:SSCRT-2-107

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). ...

[Abstract View](#) | [Full Article View](#) | [DOI: 10.17352/sscr.000007](#)

[Open Access](#) | [Research Article](#) | PTZAID:SSCRT-2-106

Cytokine Production by Circulating Endothelial Progenitor Cells before and after G-CSF Mobilization

Published On: November 29, 2016 | Pages: 001 - 006

Author(s): Alexander Lykov*, Olga Poveschenko, Natalia Bondarenko, Alexander Poveschenko, Irina Kim, Eugenie Pokushalov, Alexander Romanov and Vladimir Konenkov

Objective: Bone marrow-derived circulating endothelial cells (EPCs) may migrate in ischemia zone, to stimulate resident progenitor cells to proliferation, differentiation and migration in a damage zone, and reduce an ischemia zone through formation of new vessels. ...

[Abstract View](#) | [Full Article View](#) | [DOI: 10.17352/sscr.000006](#)