Comparison of 18F-FDG PET/CT and ceCT Results in the Assessment of RCC Recurrence

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Aim: To compare the results of fluorine-18 (¹⁸F) fluorodeoxyglucose (FDG) positron emission tomography/computed tomography (PET/CT) and contrast enhanced computed tomography (ceCT) in the assessment of renal cell carcinoma (RCC) recurrences when ceCT had suspected lesions for local recurrence and/or distant metastases.

Adipogenic and Osteogenic Markers Characterization of Human Amniotic Fluid Stem Cells

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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.

Adipose Derived Mesenchymal Stem Cell Differentiation into Adipogenic and Osteogenic Stem Cells

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

A New Catheter Technology to Deliver Vascular Stem-Cells

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). ...

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

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. ...