Research Article

Cytokine Production and Human Cytomegalovirus Load in Allogeneic Hematopoietic Stem Cell Transplantation Outcome

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Objective: To investigate the impact of cytokine levels (IL-1, IL-6, IL-10, IFN- and TNF-) and Human cytomegalovirus (HCMV) load in the saliva and blood on the survival of allogeneic hematopoietic stem cell transplantation (allo-HSCT) recipients. ...
Endothelial Progenitor Cells in Breast Cancer

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Recent evidences demonstrated the importance of bone marrow derived Endothelial Progenitor Cells (EPC), in the contribution to postnatal physiological and pathological neovascularization, and in tumor growth and angiogenesis. These cells are recruited undifferentiated, in response to systemic or chemoattractive signals, such as Vascular Endothelial Growth Factor (VEGF ...}

Significance of Cancer Stem Cells in Anti-Cancer Therapies

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Stem cells are the focus of cutting edge research interest because of their competence both to self-renew and proliferate, and to differentiate into a variety of tissues, offering enticing prospects of growing replacement organs in vitro, among other possible therapeutic implications. ...