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Basic Study

New categorization of human vascular endothelial cells by pro- versus anti-proliferative phenotypes

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1 Sep 2014 ... angiogenesis, a process that is defined as the growth of **new** ... balance of **pro-** and **anti-**angiogenic factors. ... **phenotypes** that are **categorized** as either migratory tip **cells** or **proliferating** stalk **cells** (Adams and Alitalo, 2007. Potente et al., ... regulated by a feedback system involving **vascular endothelial**.

New perspectives for the treatment of pulmonary hypertension

www.ncbi.nlm.nih.gov/pmc/articles/PMC3085874/

PVR increases are attributed to **endothelial** dysfunction, resulting in ... This **pro-proliferative phenotype** is underpinned, at least in a subset of PAH patients, ... **pro-proliferative** TXA2 from vasodilator, **anti-proliferative** PGI2 (Christman et al., 1992. reduces proliferation of **human vascular** smooth muscle **cells** (Rybalkin et al.,....

Pathogenesis of pulmonary arterial hypertension: lessons from cancer

err.ersjournals.com/content/22/130/543.full

1 Dec 2013 ... Among them: a monoclonal expansion of **endothelial cells** has been found ... time than control **cells** [11–13]. and **human** pulmonary **vascular cells** ... of investigation regarding the potential use of **antiproliferative** and/or present a modified **pro-proliferative**, apoptotic-resistant **phenotype**. **Classifications**.

Cancer Biology: Theoretical perspectives - Elledge Lab

elledgelab.med.harvard.edu/?page_id=305

Cancer **cells** achieve these **phenotypes** in large part by reactivating and Cancer **cells** have evolved to overcome the **anti-proliferative** effects of DNA the OA or NOA designations, others are more difficult to **categorize** because they exhibit proliferation and migration of **vascular endothelial cells** and vessel sprouting,....

Pro- and Anti-Inflammatory Cytokine Networks in Atherosclerosis

www.hindawi.com/journals/isrn/2012/987629/

31 Oct 2012 ... We will conclude with **new** directions in therapeutic strategies and These **cells** include **endothelial**, **vascular** smooth muscle, ... Both M1 and M2 macrophages are present in **human** lesions, and macrophage **phenotypic** polarization functional **categorization** of their being "**pro-**" or "**anti-**"-inflammatory.

Transforming growth factor beta - Wikipedia, the free encyclopedia

小提示: 只搜索中文(简体)结果, 可在 学术搜索设置 指定搜索语言

The renin-angiotensin system and malignancy

El Ager, J Neo, C Christophi - Carcinogenesis, 2008 - Oxford Univ Press

... of the RAS has increased dramatically in recent years with the discovery of new enzymes, peptides ...

In humans, there are two ACE alleles; the I allele is associated with lower circulating ... in mouse

melanoma syngeneic tumours (49) and in xenograft models of human prostate (50 ...

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P Bornstein, EH Sage - Current opinion in cell biology, 2002 - Elsevier

... Help. Download PDF Opens in a new window. ... useful for heuristic purposes to identify different

functional compartments within the ECM, and to categorize the proteins ... of MAPK (ERKs 1 and

2) phosphorylation, which collectively result in an inhibition of human microvascular EC ...

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Effect of GnRH analogues on apoptosis and release of interleukin - 1 β and vascular endothelial growth factor in endometrial cell cultures from patients with ...

GF Meresman, MA Bilotas, E Lombardi, M Tesone... - Human ..., 2003 - ESHRE

... (1997) Revised American Society for Reproductive Medicine classification of endometriosis ...

endothelial growth factor is upregulated by interleukin - 1 beta in human vascular smooth muscle ...

F. and Ellis, LM (2000) Endothelial cell survival and apoptosis in the tumor vasculature. ...

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5.808. Published on behalf of. The regulation of vascular smooth muscle cell apoptosis. Nicola

J. McCarthy, Martin Bennett DOI: http://dx.doi.org/10.1016/S0008-6363(99)00275-8.

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Current classification of pulmonary hypertension. ... This pro-proliferative phenotype is underpinned, at least in a subset of PAH patients, ... Anti-coagulant therapy with warfarin appears to have beneficial effects on survival, at least reduces proliferation of human vascular smooth muscle cells (Rybalkin et al., 2002) and ...

Pathogenesis of pulmonary arterial hypertension: lessons ...

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pulmonary smooth muscle and endothelial cells, the metabolic (glycolytic) shifts, ... opened a new field of investigation and raises the possibility that antiproliferative ... for a longer time than control cells [11-13]; and human pulmonary vascular cells and present a modified pro-proliferative, apoptotic-resistant phenotype.

Pro- and Anti-Inflammatory Cytokine Networks in ...

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2012年10月31日 - These cells include endothelial, vascular smooth muscle, of