

Cell Transdifferentiation

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Recent Publications on Cell Transdifferentiation:



- [Replicative senescence of vascular smooth muscle cells enhances the calcification through initiating the osteoblastic transition.](#)
Medial artery calcification, which does not accompany lipid or cholesterol... 13th November, 2009
Department of Cardiovascular Medicine, Kyoto Prefectural University School- Am J Physiol Heart Circ Physiol. 2009 Nov;297(5):H1673-84. Epub 2009 Sep ([DOI Direct Link](#))
- [Porcine nuclear transfer using somatic donor cells altered to express male germ cell function.](#)
Recent studies reported that the direct transformation of one... 6th November, 2009
Embryo Biotechnology Laboratory, Dental Research Institute and CLS21,- Reprod Fertil Dev. 2009;21(7):882-91. ([DOI Direct Link](#))
- [Pathophysiological Consequences of HIF Activation: HIF as a modulator of fibrosis.](#)
Tissue fibrosis is associated with structural and functional changes that... 3rd November, 2009
Departments of Medicine, Vanderbilt School of Medicine, Nashville,- Ann N Y Acad Sci. 2009 Oct;1177:57-65. ([DOI Direct Link](#))
- [Muller cell activation, proliferation and migration following laser injury.](#)
PURPOSE: Muller cells are well known for their critical role in normal... 29th October, 2009
Schepens Eye Research Institute, Department of Ophthalmology, Harvard- Mol Vis. 2009 Sep 17;15:1886-96.
- [\[Idiopathic pulmonary fibrosis\]](#)
Medial artery calcification, which does not accompany lipid or cholesterol... 22nd October, 2009
Instituto Nacional de Enfermedades Respiratorias "Ismael Cosío Villegas",- Rev Invest Clin. 2009 May-Jun;61(3):233-42.
- [The ISSCR: who are we and where are we going?](#)
RATIONALE: Induced pluripotent stem cells (iPS) allow derivation of... 22nd October, 2009
ISSCR, Stanford Institute of Stem Cell Biology and Regenerative Medicine,- Cell Stem Cell. 2009 Aug 7;5(2):151-3. ([DOI Direct Link](#))
- [On the road to iPS cell cardiovascular applications.](#)
Tissue fibrosis is associated with structural and functional changes that... 16th October, 2009
- Circ Res. 2009 Sep 25;105(7):617-9. ([DOI Direct Link](#))
- [iPS programmed without c-MYC yield proficient cardiogenesis for functional heart chimerism.](#)
RATIONALE: Induced pluripotent stem cells (iPS) allow derivation of... 16th October, 2009
Marriott Heart Disease Research Program, Division of Cardiovascular- Circ Res. 2009 Sep 25;105(7):648-56. Epub 2009 Aug 20. ([DOI Direct Link](#))
- [Epithelial to mesenchymal transition of lung cancer cells.](#)

- PURPOSE: Muller cells are well known for their critical role in normal...* 7th October, 2009
Division of Pulmonary Medicine, Infection Diseases and Oncology, Graduate- J Nippon Med Sch. 2009 Aug;76(4):181.
- [Rapamycin inhibits hepatic fibrosis in rats by attenuating multiple profibrogenic pathways.](#)
Hepatic stellate cell transdifferentiation, epithelial-mesenchymal cell... 1st October, 2009
School of Medicine, University of Queensland, Gallipoli Research Centre,- Liver Transpl. 2009 Oct;15(10):1315-24. ([DOI Direct Link](#))
 - [Blockage of transdifferentiation from fibroblast to myofibroblast in experimental ovarian cancer models.](#)
BACKGROUND: Tumour stromal myofibroblasts can promote tumour invasion. As... 29th September, 2009
Division of Molecular and Gene Therapies, Griffith Institute for Health- Mol Cancer. 2009 Sep 27;8:78. ([DOI Direct Link](#))
 - [RSK is a principal effector of the RAS-ERK pathway for eliciting a coordinate promotile/invasive gene program and phenotype in epithelial cells.](#)
The RAS-stimulated RAF-MEK-ERK pathway confers epithelial cells with... 11th September, 2009
Biotech Research & Innovation Centre (BRIC) and Centre for Epigenetics,- Mol Cell. 2009 Aug 28;35(4):511-22. ([DOI Direct Link](#))
 - [Turning point in myocarditis.](#)
The RAS-stimulated RAF-MEK-ERK pathway confers epithelial cells with... 11th September, 2009
- Circ Res. 2009 Aug 28;105(5):403-5. ([DOI Direct Link](#))
 - [Heart-infiltrating prominin-1+/CD133+ progenitor cells represent the cellular source of transforming growth factor beta-mediated cardiac fibrosis in experimental autoimmune myocarditis.](#)
RATIONALE: Myocardial fibrosis is a hallmark of inflammation-triggered... 11th September, 2009
Division of Cardioimmunology, Institute of Physiology, University of- Circ Res. 2009 Aug 28;105(5):462-70. Epub 2009 Jul 23. ([DOI Direct Link](#))
 - [Hydrogen sulfide suppresses migration, proliferation and myofibroblast transdifferentiation of human lung fibroblasts.](#)
We previously reported that hydrogen sulfide (H(2)S) was implicated in the... 5th August, 2009
Department of Geriatrics, Peking University First Hospital, Xishiku Street- Pulm Pharmacol Ther. 2009 Dec;22(6):554-61. Epub 2009 Aug 3. ([DOI Direct Link](#))

BioNews Results for Cell Transdifferentiation

- [Calif. changes tune on adult stem cells](#)
SBC Baptist News: Nov 14 2009 3:47AM Matching: cell
- [Cornell Researchers Identify a Weak Link in Cancer Cell Armor](#)
Entrepreneur.com: Nov 13 2009 11:55PM Matching: cell
- [How Does The Pancreas In An Embryo Know Which Cells Are To Produce Insulin?](#)
Science Daily: Nov 14 2009 5:19AM Matching: cell
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Toxicological Sciences: Nov 14 2009 2:43AM Matching: cell
- [OncoVista: AdnaGen Test Identifies Cancer Stem Cells in the Blood...](#)
Zibb: Nov 14 2009 6:08AM Matching: cell
- [New knowledge of basic science may be applied in future medical treatments](#)
News-Medical.Net: Nov 13 2009 1:42PM Matching: cell
- [According to new research lipid that accumulates in brain cells drives cell death](#)
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- [Lipids' Unexpected Role In Triggering Death Of Brain Cells Revealed](#)

- Science Daily: Nov 13 2009 12:55AM Matching: cell*
- [Life Technologies Addresses Promise of Cell Therapies at Industry Leader Summit](#)
Pharma Live: Nov 13 2009 12:22AM Matching: cell
 - [Research Reveals Lipid's Unexpected Role In Triggering Death Of Brain Cells](#)
Medical News Today: Nov 13 2009 4:48PM Matching: cell
 - [Paradoxical Protein Might Prevent Cancer](#)
Red Orbit: Nov 13 2009 4:19PM Matching: cell
 - [Stem Cell Use In Regenerative Medicine May Also Be Bad For Health](#)
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Cell Transdifferentiation Patents:



- 7601345- [Lentivirus vectors for gene transfer to alveolar epithelial cells](#)
- 6569172- [Method, instruments, and kit for autologous transplantation](#)
- 6497875- [Multilayer skin or dermal equivalent having a layer containing mesenchymal stem cells](#)
- 6448222- [Use of isolated alpha 2 domain of type IV collagen to modify cell and tissue interactions](#)
- 6419924- [Antibodies of isolated domains of type IV collagen modify cell interactions](#)
- 6384012- [Use of isolated domains of type IV collagen to modify cell and tissue interactions](#)
- 6379367- [Method instruments and kit for autologous transplantation](#)
- 6283980- [Method, instruments, and kit for autologous transplantation](#)
- 6087168- [Conversion of non-neuronal cells into neurons: transdifferentiation of epidermal cells](#)
- 5856184- [Isolated domains of type IV collagen to modify cell and tissue interactions](#)
- 5759190- [Method and kit for autologous transplantation](#)
- 5691182- [Use of isolated domains of type IV collagen to modify cell and tissue interactions](#)
- 6592598- [Method, instruments, and kit for autologous transplantation](#)
- 6592599- [Method, instruments, and kit for autologous transplantation](#)
- 7238524- [Prostate cancer cell lines](#)
- 7211247- [Lentivirus vectors for gene transfer to alveolar epithelial cells](#)
- 7137989- [Method, instruments, and kit for autologous transplantation](#)
- 7048750- [Method, instruments, and kits for autologous transplantation](#)
- 7041507- [Transdifferentiation of transfected epidermal basal cells into neural progenitor cells, neuronal cells and/or glial cells](#)
- 6949380- [Transdifferentiation of epidermal basal cells into neural progenitor cells, neuronal cells and/or glial cells](#)
- 6866668- [Methods, instruments and materials for chondrocyte cell transplantation](#)
- 6777230- [Prostate cancer cell lines](#)
- 6680293- [Use of isolated domains of type IV collagen to modify cell and tissue interactions](#)
- 6599301- [Method, instruments, and kit for autologous transplantation](#)

- 6599300- [Method, instruments, and kit for autologous transplantation](#)
- 5567609- [Use of isolated domains of type IV collagen to modify cell and tissue interactions](#)

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