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**Mesenchymal stem cell therapy in retinal and optic nerve diseases: An update of clinical trials**

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TK Ng, VR Fortino, D Pelaez, HS Cheung - World J Stem Cells, 2014 - kumc.edu

... MESEMS: MEsenchymal StEm Cells for Multiple Sclerosis; MSC-NP: Mesenchymal Stem Cell-derived Neural ... adipose tissue-derived MSCs rescue mitomycin C-treated RPE cell lines (ARPE19 ... The second clinical trial is the Stem Cell Ophthalmology Treatment Study (SCOTS ...

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[HTML] The changing face of neural stem cell therapy in neurologic diseases

O Einstein, T Ben-Hur - Archives of neurology, 2008 - archotol.jamanetwork.com

Review from JAMA Neurology — The Changing Face of Neural Stem Cell Therapy in Neurologic Diseases.

被引用次数: 143 相关文章 所有 20 个版本 引用

FDA regulation of stem-cell-based therapies

DG Halme, DA Kessler - New England Journal of Medicine, 2006 - Mass Medical Soc

... 96. Timothy Caulfield, Christopher Scott, Insoo Hyun, Robin Lovell-Badge, Kazuto Kato, Amy Zarzeczny. (2010) Stem cell research policy and iPS cells. ... (2009) Human Alternatives to Fetal Bovine Serum for the Expansion of Mesenchymal Stromal Cells from Bone Marrow. ...

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Neuroprotection in glaucoma: recent and future directions

HV Danesh-Meyer - Current opinion in ophthalmology, 2011 - journals.lww.com

... TNF- $\alpha$ , modulation of the immune system and inflammation, and blocking apoptotic signals and stem cells. ... the optic nerve head (ONH) and subsequent death of retinal ganglion cells (RGCs) with ... disorders provoke RGC death through lesions directed to their axons or cell bodies ...

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... MESEMS: MEsenchymal StEm Cells for Multiple Sclerosis; MSC-NP: Mesenchymal Stem Cell-derived Neural ... adipose tissue-derived MSCs rescue mitomycin C-treated RPE cell lines (ARPE19 ... The second clinical trial is the Stem Cell Ophthalmology Treatment Study (SCOTS ...

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[HTML] FDA regulation of stem-cell-based therapies

DG Halme, DA Kessler - New England Journal of Medicine, 2006 - Mass Medical Soc

... (2011) Stem Cell Therapy: A New Treatment for Burns? ... 78. Ralf Dressel. (2011) Effects of histocompatibility and host immune responses on the tumorigenicity of pluripotent stem cells. ... (2011) Effects of different sera on adipose tissue-derived mesenchymal stromal cells. ...

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[HTML] Stem cell therapy for retinal diseases: update

RC Siqueira - Stem cell research & therapy, 2011 - stemcellres.biomedcentral.com

... Mesenchymal stem cells. ... Limited damage of amphibian retina activates progenitor cells within the neural retina, presumably retina stem cells (RSCs), to mediate regeneration and ... that destroys most of the neural retina results in the activation of a progenitor cell population within ...

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[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > NCBI > Literature > PubMed Central (PMC) ▾ [翻译此页](#)

作者: JN Weiss - 2015 - 被引用次数: 2 - [相关文章](#)

2015年3月20日 - Stem Cell Ophthalmology Treatment Study (SCOTS) for retinal and optic nerve ... approved clinical trial and is the largest ophthalmology stem cell study registered at ... Keywords: stem cells, optic nerve, optic neuropathy, ophthalmology, bone ... Transplanted mesenchymal stem cells (MSCs) have shown ...

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2014年4月26日 - Currently, over 100 MSC clinical trials for different diseases have ... This review article provides an update on the progress of MSC experimental research ... visual evoked response latency, and increased the optic nerve area ...

### Stem cell therapy in retinal diseases?

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作者: RC Siqueira - 2012 - 被引用次数: 5 - [相关文章](#)

Stem-cell therapy has the potential to treat a wide range of retinal diseases. ... neural cells in the retina is