



22478-Review

Quotes Excluded
Bibliography Excluded6%
SIMILAR

Match Overview



1	Internet 55 words crawled on 08-Oct-2013 www.hoajonline.com	1%
2	CrossCheck 46 words Mesenchymal Stem Cell Therapy, 2013.	1%
3	Internet 22 words crawled on 26-Nov-2013 www.ncbi.nlm.nih.gov	<1%
4	Internet 22 words crawled on 01-Aug-2014 www.isakos.com	<1%
5	CrossCheck 21 words Zhao, Weian, James Ankrum, Debanjan Sarkar, Namit Kumar, Wei Teo, and Jeffrey Karp. "Stem Cell Homing to Site...	<1%
6	CrossCheck 16 words Sarkar, D., "Engineered mesenchymal stem cells with self-assembled vesicles for systemic cell targeting", Biomaterial	<1%

10

Name of Journal: *World Journal of Stem Cells***ESPS Manuscript NO:** 22478**Manuscript Type:** REVIEW

Homing and migration of mesenchymal stromal cells: How to improve the efficacy of cell therapy?

Ann De Becker, Ivan Van Riet

Abstract

24

Mesenchymal stromal cells (MSCs) are currently being investigated for use in a wide variety of clinical applications. For most of these applications, systemic delivery of the cells is preferred. However, this requires the homing and migration of MSCs to a target tissue. Although MSC homing has been described, this process does not appear to be highly efficacious because only a few cells reach the target tissue and remain there after systemic administration. This has been ascribed to low expression levels of

[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多 ▾](#)[搜索工具](#)

找到约 124,000 条结果 (用时 0.73 秒)

Google 学术: Homing and migration of mesenchymal stromal cells: How to improve the efficacy of cell therapy?

... stem cells for homing: strategies to enhance efficacy ... - Kang - 被引用次数: 95

Mesenchymal stem cell homing: the devil is in the ... - Karp - 被引用次数: 652

... traumatic brain injury migrate into brain and improve ... - Lu - 被引用次数: 367

Journey of Mesenchymal Stem Cells for Homing: Strategies ...

www.hindawi.com/journals/sci/2012/342968/ ▾ [翻译此页](#)

作者: SK Kang - 2012 - 被引用次数: 95 - [相关文章](#)

2012年4月17日 - Human mesenchymal stem cells (MSCs) communicate with other cells

in the ... This may allow MSCs to quickly find and migrate to injured tissues, where

Adipose tissue is an attractive source of MSCs for stem cell therapy because it

Homing Strategies to Enhance Efficacy and Safety of MSC Therapy.

Mesenchymal stem cells: a new trend for cell therapy - Nature

www.nature.com ▸ [Journal home](#) ▸ [Archive](#) ▸ [Reviews](#) - [翻译此页](#)

作者: X Wei - 2013 - 被引用次数: 77 - [相关文章](#)

Mesenchymal stem cells (MSCs), the major stem cells for cell therapy, have been to

enhance tissue repair/regeneration is a crucial process for clinical efficacy, ... utilizing the

capabilities of MSCs to migrate to specific inflammatory tissues in vivo. The

[全部](#)[新闻](#)[图片](#)[视频](#)[购物](#)[更多 ▾](#)[搜索工具](#)

找到约 124,000 条结果 (用时 0.73 秒)

Google 学术: Homing and migration of mesenchymal stromal cells: How to improve the efficacy of cell therapy?

... stem cells for homing: strategies to enhance efficacy ... - Kang - 被引用次数: 95

Mesenchymal stem cell homing: the devil is in the ... - Karp - 被引用次数: 652

... traumatic brain injury migrate into brain and improve ... - Lu - 被引用次数: 367

Journey of Mesenchymal Stem Cells for Homing: Strategies ...

www.hindawi.com/journals/sci/2012/342968/ ▾ 翻译此页

作者: SK Kang - 2012 - 被引用次数: 95 - 相关文章

2012年4月17日 - Human mesenchymal stem cells (MSCs) communicate with other cells

in the ... This may allow MSCs to quickly find and migrate to injured tissues, where

Adipose tissue is an attractive source of MSCs for stem cell therapy because it

Homing Strategies to Enhance Efficacy and Safety of MSC Therapy.

Mesenchymal stem cells: a new trend for cell therapy - Nature

www.nature.com > [Journal home](#) > [Archive](#) > [Reviews](#) - 翻译此页

作者: X Wei - 2013 - 被引用次数: 77 - 相关文章

Mesenchymal stem cells (MSCs), the major stem cells for cell therapy, have been to

enhance tissue repair/regeneration is a crucial process for clinical efficacy, ... utilizing the

capability of MSCs to migrate to specific inflammatory sites in vivo. The

[全部](#)[新闻](#)[图片](#)[视频](#)[更多 ▾](#)[搜索工具](#)

找到约 127,000 条结果 (用时 0.71 秒)

Google 学术: Homing and migration of mesenchymal stromal cells: How to improve the efficacy of cell therapy?

... stem cells for homing: strategies to enhance efficacy ... - Kang - 被引用次数: 95

Mesenchymal stem cell homing: the devil is in the ... - Karp - 被引用次数: 661

... traumatic brain injury migrate into brain and improve ... - Lu - 被引用次数: 367

Get PDF (203K) - Wiley Online Library

onlinelibrary.wiley.com/doi/10.1002/cbin.10378/pdf ▾ 翻译此页

作者: H Naderi-Meshkin - 2015 - 被引用次数: 9 - 相关文章

2014年10月13日 - REVIEW. Strategies to improve homing of mesenchymal stem cells for greater efficacy in stem cell therapy ... studied model in cellular therapies. derived MSCs could improve cell migration, adhesion and survival.

Journey of Mesenchymal Stem Cells for Homing: Strategies ...

www.hindawi.com/journals/sci/2012/342968/ ▾ 翻译此页

作者: SK Kang - 2012 - 被引用次数: 95 - 相关文章

2012年4月17日 - Human mesenchymal stem cells (MSCs) communicate with other cells in the ... This may allow MSCs to quickly find and migrate to injured tissues, where Adipose tissue is an attractive source of MSCs for stem cell therapy because it Homing Strategies to Enhance Efficacy and Safety of MSC Therapy.

Mesenchymal stem cells: a new trend for cell therapy - Nature

www.nature.com > Journal home > Archive > Reviews - 翻译此页

作者: X Wei - 2013 - 被引用次数: 81 - 相关文章

Mesenchymal stem cells (MSCs), the major stem cells for cell therapy, have been to