

Name of Journal: *World Journal of Stem Cells*

Manuscript NO: 35654

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Rat model of anal sphincter injury and two ways for stem cells administration

Trébol J *et al.* Rat model of anal sphincter injury and cell therapy

Jacobo Trébol, Tihomir Georgiev-Hristov, Luz Vega Clemente, Ignacio García-Gómez, Ana Carabias-Orgaz, Mariano García-Arranz, Damián García-Olmo

符合内容总览

1	Crossref 280 个字 Georgiev-Hristov, T., M. Garcia-Arranz, I. Garcia-Gomez, M. A. Garcia-Cabezas, J. Trebol, L. Vega-Clemente, P. D	4%
2	互联网 38 个字 于 2017 年 11 月 08 日 缓慢进行 repositorio.uam.es	1%
3	互联网 31 个字 于 2017 年 10 月 06 日 缓慢进行 www.wjgnet.com	<1%
4	Crossref 26 个字 Levilester Salcedo, Marc Penn, Margot Damaser, Brian Balog, Massarat Zutshi. "Functional Outcome After Ana ...	<1%
5	互联网 22 个字 于 2016 年 01 月 23 日 缓慢进行 www.ddjournal.com	<1%
6	互联网 19 个字 于 2013 年 05 月 02 日 缓慢进行 worldwidescience.org	<1%
7	互联网 18 个字 于 2017 年 08 月 29 日 缓慢进行 jvi.asm.org	<1%
8	Crossref 18 个字 Stem Cells in Aesthetic Procedures, 2014.	<1%

A monitored contusion model of spinal cord injury in the rat

JA GRUNER - Journal of neurotrauma, 1992 - online.liebertpub.com

... Spinal cord contusion in the rat: Somatosensory evoked potentials as a function of graded injury. ...
in that direction and be able to relate the various parameters and mechanical injuries to an
outcome that ... It gives confidence that something can be done to look at a lot of drugs very ...
被引用次数：694 相关文章 所有 5 个版本 引用 保存

Treatment of experimental injury of anal sphincters with primary surgical repair and injection of bone marrow-derived mesenchymal stem cells

..., G Sgaragli, R Gerli, B Mazzanti, A Bosi... - Diseases of the Colon & ..., 2008 - Springer

... of cells comparable to the amount that other investigators have previously used in rat models
of urinary ... cells may be useful when a rapid employment is required, even if a period of ... This study
provides an experimental basis for potential future clinical application of stem cells ...
被引用次数：67 相关文章 所有 11 个版本 引用 保存

Muscle precursor cell autografting in a murine model of urethral sphincter injury

R Yiou, P Dreyfus, DK Chopin, CC Abbou... - BJU ..., 2002 - Wiley Online Library

... Karl-Dietrich Sievert, Melanie L. Hart, Stress urinary incontinence animal models as a ... 17 Xiaoyun
Wu, Shili Wang, Baoli Chen, Xinling An, Muscle-derived stem cells ... Hagiwara, Michio Kaneko,
Myoblast transplantation to defecation muscles in a rat model: a possible treatment ...
被引用次数：70 相关文章 所有 6 个版本 引用 保存

Sphincter contractility after muscle-derived stem cells autograft into the cryoinjured anal sphincters of rats

SB Kang, HN Lee, JY Lee, JS Park, HS Lee... - Diseases of the Colon & ..., 2008 - Springer

... muscle-derived stem cells on leak point pressure and closing pressure in rats with transected ...
Yiou R, Yoo JJ, Atala A. Restoration of functional motor units in a rat model of sphincter ... progenitor
cells and fibroblasts with regard to efficacy and tissue contractility in an animal model ...
被引用次数：62 相关文章 所有 15 个版本 引用 保存

Recovery of the injured external anal sphincter after injection of local or intravenous mesenchymal stem cells

SD Pathi, JF Acevedo, PW Keller... - Obstetrics & ..., 2012 - journals.lww.com

You may be trying to access this site from a secured browser on the server. Please
enable scripts and reload this page. Close Window. Close Window. Enter your Email
address: Wolters Kluwer Health may email you for journal ...
被引用次数：23 相关文章 所有 5 个版本 引用 保存

Effect of myogenic stem cells on contractile properties of the repaired and unrepaired transected external anal sphincter in an animal model

AB White, PW Keller, JF Acevedo, RA Word... - Obstetrics & ..., 2010 - journals.lww.com

You may be trying to access this site from a secured browser on the server. Please enable scripts
and reload this page. Close Window. Close Window. Enter your Email address: ... Skip Navigation
Links Home > April 2010 - Volume 115 - Issue 4 > Effect of Myogenic Stem Cells on ...
被引用次数：22 相关文章 所有 6 个版本 引用 保存

Mesenchymal stem cells can improve anal pressures after anal sphincter injury

L Salcedo, M Mayorga, M Damaser, B Balog, R Butler... - Stem cell ..., 2013 - Elsevier

... Since the anal sphincter in the rat is small and superficial, even a minute incision could incorporate
a ... Half the number of threshold crossing was taken as an estimate of firing rate and their frequency
was ... Immunofluorescence data was analyzed quantitatively in a blinded fashion ...
被引用次数：18 相关文章 所有 10 个版本 引用 保存

Experimental modeling of spinal cord injury: characterization of a force-defined injury device

SW Scheff, AG Rabchevsky, I Fugaccia... - Journal of ..., 2003 - online.liebertpub.com

... describes both functional and morphologic outcomes following damage to the exposed rat spinal
cord employing a newly designed instrument that uses a force feedback ... The intent was to design
an injury device that could monitor important biomechanical variables during ...
被引用次数：414 相关文章 所有 9 个版本 引用 保存

Potential of human umbilical cord matrix and rabbit bone marrow-derived mesenchymal stem cells in repair of surgically incised rabbit external anal sphincter.

..., M Rezazadehkermani, A Asadi... - Diseases of the Colon ..., 2009 - journals.lww.com

You may be trying to access this site from a secured browser on the server. Please
enable scripts and reload this page. Close Window. Close Window. Enter your Email
address: Wolters Kluwer Health may email you for journal ...
被引用次数：34 相关文章 所有 9 个版本 引用 保存

Functional outcome after anal sphincter injury and treatment with mesenchymal stem cells

L Salcedo, M Penn, M Damaser... - Stem cells ..., 2014 - Wiley Online Library

... using 10 µl of each of the primary PE-conjugated antibodies: mouse anti-rat CD45 + (BD ... MSCs
are currently being investigated in clinical trials for stress urinary incontinence as an im injection ...
study is that we did not study pudendal nerve damage alone or as a double injury ...
被引用次数：16 相关文章 所有 8 个版本 引用 保存



Rat model of anal sphincter injury and two ways for stem cells administration



文章

找到约 3,310 条结果 (用时0.10秒)

时间不限

2017以来

2016以来

2013以来

自定义范围...

按相关性排序

按日期排序

不限语言

中文网页

简体中文网页

☐ 包括专利

☐ 包含引用

☒ 创建快讯

Google 已关闭此广告

停止显示此广告

为什么显示该广告? ▸

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

Treatment of experimental injury of anal sphincters with primary surgical repair and injection of bone marrow-derived mesenchymal stem cells

B Lorenzi, F Pessina, P Lorenzoni, S Urbani... - Diseases of the Colon & ..., 2008 - Springer
... Group B ($P < 0.05$) but not in Group D vs. control rats ... 39 A trophic action of injected cells without differentiation and engraftment has been demonstrated in a model of kidney ... of cells comparable to the amount that other investigators have previously used in rat models of urinary ...

☆ 99 被引用次数: 69 相关文章 所有 11 个版本

[HTML] Muscle precursor cell autografting in a murine model of urethral sphincter injury

R Yiou, P Dreyfus, DK Chopin, CC Abbou... - BJU ..., 2002 - Wiley Online Library
..., Karl-Dietrich Sievert, Melanie L. Hart, Stress urinary incontinence animal models as a ... Tourchi, Functional External Anal Sphincter Reconstruction for Treatment of Anal Incontinence Using ... Michio Kaneko, Myoblast transplantation to defecation muscles in a rat model: a possible ...

☆ 99 被引用次数: 73 相关文章 所有 6 个版本

[HTML] Sphincter contractility after muscle-derived stem cells autograft into the cryoinjured anal sphincters of rats

SB Kang, HN Lee, JY Lee, JS Park, HS Lee... - Diseases of the Colon & ..., 2008 - Springer
... 9. Davis K, Kumar D, Poloniecki J. Preliminary evaluation of an injectable anal sphincter bulking agent ... muscle-derived stem cells on leak point pressure and closing pressure in rats with transected ... Yoo JJ, Atala A. Restoration of functional motor units in a rat model of sphincter ...

☆ 99 被引用次数: 64 相关文章 所有 15 个版本

A monitored contusion model of spinal cord injury in the rat

JA GRUNER - Journal of neurotrauma. 1992 - online.liebertpub.com
a controlled temperature incubator (24°C). Fifty-eight rats

[HTML] wiley.com

[HTML] springer.com

全部

新闻

图片

视频

购物

更多

设置

工具

找到约 28,200 条结果 (用时 0.44 秒)

Google 学术: Rat model of anal sphincter injury and two ways for stem cells administration

Treatment of experimental injury of anal sphincters with ... - Lorenzi - 被引用次数: 69

... in a murine model of urethral sphincter injury - Yiou - 被引用次数: 73

... stem cells autograft into the cryoinjured anal sphincters ... - Kang - 被引用次数: 64

Mesenchymal stem cells can improve anal pressures after anal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4770907/> - 翻译此页

作者: L Salcedo - 2013 - 被引用次数: 21 - 相关文章

2012年10月16日 - The primary aim of this study was to evaluate functional recovery after treatment with MSCs in two animal models of anal sphincter injury. **Methods.** Seventy virgin female rats received a sphincterotomy (SP) to model episiotomy, a pudendal nerve crush (PNC) to model the nerve injuries of childbirth, a sham ...

Functional Outcome After Anal Sphincter Injury and Treatment With ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4039452/> - 翻译此页

作者: L Salcedo - 2014 - 被引用次数: 17 - 相关文章

跳到 **Methods** - Abbreviations: IM, intramuscular; IV, intravascular; MSC, mesenchymal stem cell; NI-MSC-IM, no injury, receiving intramuscular MSCs; NI-MSC-IV, ... The injury was carried out under a dissecting microscope by identifying the anal sphincter after an incision was made in the ventral aspect in all rats.

A new method for treating fecal incontinence by implanting stem cells ...

<https://stemcellres.biomedcentral.com/articles/10.1186/s13287-017-0489-2> - 翻译此页

作者: A Sarveazad - 2017 - 被引用次数: 5 - 相关文章

2017年2月21日 - A new method for treating fecal incontinence by implanting stem cells derived from human adipose tissue: preliminary findings of a randomized ... One of the reasons for fecal disorders is due to