

国内版 国际版



Comparison between the Therapeutic Effects of Differentiated



ALL

IMAGES

VIDEOS

关闭取词

11,400 Results

Any time ▾

Wharton's Jelly-Derived Mesenchymal Stem Cells: ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3709752>

May 31, 2013 · **Wharton's jelly** (WJ) is a gelatinous tissue within the **umbilical cord** that contains myofibroblast-like stromal cells. A unique **cell population** of WJ that has been suggested as displaying the stemness phenotype is the **mesenchymal stromal cells** (MSCs).

Cited by: 200

Author: Dae-Won Kim, Meaghan Staples, Kazuta...

Publish Year: 2013

Discarded Wharton's Jelly of the Human Umbilical Cord: A ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4274214>

Mesenchymal stem cells (MSCs) are multipotent cells that have the capability of differentiating into adipogenic, osteogenic, chondrogenic, and neural cells. With these multiple capabilities, MSCs have been highly regarded as effective **transplantable cell** source for **regenerative medicine**.

Cited by: 81

Author: Nate Watson, Ryan Divers, Roshan Keda...

Publish Year: 2015

Comparisons of Differentiation Potential in Human ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4532960>

Introduction. The aim of this study was to **compare** the in vitro differential ability and the in vivo **curative effect** of IPCs generated from **different** sources, including **Wharton's jelly**, BM, and pancreatic tissues, to determine the ideal source of cell **therapy** for **treatment** of diabetes.

Cited by: 11

Author: Shih Yi Kao, Jia Fwu Shyu, Hwai Shi Wa...

Publish Year: 2015

A comparison of Wharton's jelly and cord blood as a source ...

https://www.researchgate.net/publication/283545337_A_comparison_of_Wharton's_jelly_and...

A comparison of Wharton's **jelly** and cord blood as a source of **mesenchymal stem cells** for **diabetes** cell therapy Article in Regenerative Medicine 10(7) · November 2015 with 84 Reads

Exendin-4 enhances the differentiation of Wharton's jelly ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4981957>

Diabetes mellitus is a devastating metabolic disease. Generation of insulin-producing cells (IPCs) from stem cells, especially from **Wharton's jelly mesenchymal stem cells** (WJ-MSCs), has sparked much interest recently. Exendin-4 has several beneficial **effects** on MSCs and β cells.

Name of Journal: *World Journal of Stem Cells*

Manuscript NO: 51080

Manuscript Type: ORIGINAL ARTICLE

¹ Comparison between the therapeutic effects of differentiated and undifferentiated Wharton's jelly mesenchymal stem cells in rats with streptozotocin-induced diabetes

Chen-Yuan Hsiao, Tien-Hua Chen, Ben-Shian Huang, Po-Han Chen, Cheng-Hsi Su, Jia-Fwu Shyu, Pei-Jiun Tsai

Abstract

BACKGROUND

Despite the availability of current therapies, including oral antidiabetic drugs

Match Overview

1	Internet 64 words crawled on 01-Jun-2019 www.jacbs.org.tw	1%
2	Internet 25 words crawled on 09-Jul-2018 www.ncbi.nlm.nih.gov	<1%
3	Internet 18 words crawled on 12-Sep-2018 www.mrnoggin.com	<1%
4	Internet 15 words crawled on 02-Jul-2018 www.jbiomeds.com	<1%
5	Internet 14 words crawled on 11-Nov-2016 www.mdpi.com	<1%
6	Crossref 13 words "42nd EASD Annual Meeting of the European Association for the Study of Diabetes", Diabetologia, 2006	<1%
7	Crossref 13 words "Abstracts", Diabetologia, 1997	<1%
8	Internet 12 words crawled on 14-Jun-2017 umexpert.um.edu.my	<1%

11,200 Results

Any time ▼

Wharton's Jelly-Derived Mesenchymal Stem Cells: ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3709752>

May 31, 2013 - **Wharton's jelly (WJ)** is a gelatinous tissue within the **umbilical cord** that contains myofibroblast-like stromal cells. A unique **cell population of WJ** that has been suggested as displaying the stemness phenotype is the **mesenchymal stromal cells (MSCs)**.

Cited by: 200

Author: Dae-Won Kim, Meaghan Staples, Kazuta...

Publish Year: 2013

A comparison of Wharton's jelly and cord blood as a source ...

https://www.researchgate.net/publication/283545337_A_comparison_of_Wharton's_jelly_and...

A comparison of Wharton's **jelly** and cord blood as a source of **mesenchymal stem cells** for **diabetes** cell therapy Article in Regenerative Medicine 10(7) - November 2015 with 84 Reads

Comparisons of Differentiation Potential in Human ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4532960>

Introduction. The aim of this study was to **compare** the in vitro differential ability and the in vivo **curative effect** of IPCs generated from **different** sources, including **Wharton's jelly**, BM, and pancreatic tissues, to determine the ideal source of **cell therapy for treatment of diabetes**.

Cited by: 11

Author: Shih Yi Kao, Jia Fwu Shyu, Hwai Shi Wa...

Publish Year: 2015

Mesenchymal Stem Cells from Wharton's Jelly and Amniotic ...

<https://www.sciencedirect.com/science/article/pii/S1521693415001509>

The discovery of **mesenchymal stem cells (MSCs)** in perinatal sources, such as the amniotic fluid (AF) and the umbilical connective tissue, the so-called **Wharton's jelly (WJ)**, has transformed them into promising **stem cell grafts** for the application in regenerative medicine.

Cited by: 16

Author: Marianne S. Joerger-Messerli, Caterina M...

Publish Year: 2016

(PDF) Undifferentiated Wharton's Jelly Mesenchymal Stem ...

https://www.researchgate.net/publication/265419112_Undifferentiated_Whartons_Jelly...

Type 1 **diabetes mellitus (T1DM)** is caused by T cell-mediated autoimmune destruction of pancreatic β cells. Systemic administration of **mesenchymal stem cells (MSCs)** brings about th