

ALL IMAGES VIDEOS

58,100 Results Any time ▾

### Differences and similarities between cancer and somatic ...

<https://stemcellres.biomedcentral.com/articles/10.1186/s13287-020-02018-6> ▾

Nov 18, 2020 · MSCs are weakly immunogenic and possess immunomodulatory properties toward natural killer cells, dendritic cells, neutrophils, B cells, and T cells, where the effect on T cells are the most studied. MSCs exert their immunoregulatory effects by inhibiting activated T cell proliferation as well as stimulating regulatory T cell (Treg) proliferation [ 91 ].

Author: Fiorella Rossi, Hunter Noren, Richard ... Publish Year: 2020

### A Comparative Analysis of Multipotent Mesenchymal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7062771>

Mar 09, 2020 · Multipotent mesenchymal stromal cells (MSCs) can be considered an accessible therapeutic tool for regenerative medicine. Here, we compared the growth kinetics, immunophenotypic and immunomodulatory properties, gene expression and secretome profile of MSCs derived from human adult bone marrow (BM-MSCs), adipose tissue (AT-MSCs) and Wharton's jelly (WJ-MSCs) cultured in ...

Cited by: 19 Author: Yuriy Petrenko, Irena Vackova, Kristyna ...

Publish Year: 2020

### Immunoregulatory properties of mesenchymal stem cells ...

<https://www.sciencedirect.com/science/article/pii/B9780128197134000037>

Jan 01, 2020 · Having some similarities with T cells, such as clonal expansion and long-lasting survival of successful clones, NK cells are the other members of the innate immune system (Sun and Lanier, 2011, Peng and Tian, 2017). NK cells possess cytotoxicity without prior activation or sensitization against cells that lack the expression of MHC class I ...

Author: Dmytro Shytikov, Pengfei Wang, Deep... Publish Year: 2020

### Cells | Special Issue : Immunomodulation by Mesenchymal ...

[https://www.mdpi.com/journal/cells/special\\_issues/MSC](https://www.mdpi.com/journal/cells/special_issues/MSC) ▾

Furthermore, we investigated cell immunogenicity. We show that MSCs and MSC-like cells from both fetal and maternal sources present immune modulatory properties versus lymphoid (T cells) and myeloid (APC) cells, whereby fetal-derived cells (PLX-R18 and hAMSC) have a stronger capacity to modulate immune cell proliferation and differentiation.

### (PDF) Immunoregulatory mechanisms of mesenchymal stem ...

### Similarities and differences between mesenchymal stem ...

<https://www.wjgnet.com/1948-0210/full/v11/i6/347.htm> ▾

Similarities and differences between mesenchymal stem/progenitor cells derived ... Similarities and differences between mesenchymal stem/progenitor cells derived from various human tissues ... the immunomodulatory capacity exerted by the ability to secrete different factors with pro- and anti-inflammatory properties and/or direct cell-to-cell ...

Cited by: 81

Author: Urszula Kozłowska, Agnieszka Krawczyńska...

Publish Year: 2019

### Adult Stem Cells: Mesenchymal Stromal Cells, Endothelial ...

[https://link.springer.com/chapter/10.1007/978-3-030-55359-3\\_4](https://link.springer.com/chapter/10.1007/978-3-030-55359-3_4) ▾

Kozłowska U, Krawczyńska A, Futoma K, Jurek T, Rorat M, Patrzalek D, et al. Similarities and differences between mesenchymal stem/progenitor cells derived from various human tissues. World J Stem Cells. 2019;11(6):347. PubMed PubMedCentral CrossRef Google Scholar

Author: Azza M. El-Derby, Toka A. Ahmed, Abee... Publish Year: 2020

#### PEOPLE ALSO ASK


Is the mesenchymal stem cell the same as the stromal cell? ▾

What is the MSC position on mesenchymal stem cells? ▾

13-Jul-2021 07:03PM

4057 words • 0 matches • 7 sources

FAQ

 iThenticate®

64867-Review-check (2).docx

Quotes Excluded  
Bibliography Excluded  
4%  
Similarity

**Name of Journal:** *World Journal of Stem Cells*

**Manuscript NO:** 64867

**Manuscript Type:** REVIEW

**Differences and similarities between mesenchymal stem cell and endothelial progenitor cell immunoregulatory properties against T cells**

Razazian M *et al.* EPC's and MSC's immunoregulatory comparison

Mehdi Razazian, Maryam Khosravi, Sheyda Bahiraii, Georges Uzan, Sara Shamdani, Sina Naserian

Match Overview

1

Crossref 42 words  
Sina Naserian, Georges Uzan, "Cord Blood Derived Endothelial Progenitor Cells Are More Immunosuppressive a ..."

1%

2

Crossref 37 words  
Claudia Terraza-Aguirre, Mauricio Campos-Mora, Robert o Elizondo-Vega, Rafael A. Contreras-Lopez et al. "Me...

1%

3

Internet 14 words  
crawled on 09-May-2019  
repository.bilkent.edu.tr

<1%

4

Crossref 13 words  
Sara Shamdani, Georges Uzan, Sina Naserian, "TNF- $\alpha$ -T NFR2 signaling pathway in control of the neural stempro

<1%

5

Internet 13 words  
crawled on 12-Nov-2020  
bioRxiv.biomedcentral.com

<1%

6

Internet 12 words  
crawled on 22-May-2021  
www.frontiersin.org

<1%

1

2

PAGE: 1 OF 14

Text-Only Report

国内版

国际版

Differences and similarities between mesenchymal stem cell and er



ALL

IMAGES

VIDEOS

12,100 Results

Any time ▾

### Similarities and differences between mesenchymal stem ...

<https://www.wjgnet.com/1948-0210/full/v11/i6/347.htm> ▾

Similarities and differences between mesenchymal stem/progenitor cells derived ... Similarities and differences between mesenchymal stem/progenitor cells derived from various human tissues ... the immunomodulatory capacity exerted by the ability to secrete different factors with pro- and anti-inflammatory properties and/or direct cell-to-cell ...

Cited by: 81

Author: Urszula Kozłowska, Agnieszka Krawczyńska...

Publish Year: 2019

### Adult Stem Cells: Mesenchymal Stromal Cells, Endothelial ...

[https://link.springer.com/chapter/10.1007/978-3-030-55359-3\\_4](https://link.springer.com/chapter/10.1007/978-3-030-55359-3_4) ▾

Kozłowska U, Krawczyńska A, Futoma K, Jurek T, Rorat M, Patrzalek D, et al. Similarities and differences between mesenchymal stem/progenitor cells derived from various human tissues. World J Stem Cells. 2019;11(6):347. PubMed PubMedCentral CrossRef Google Scholar

Author: Azza M. El-Derby, Toka A. Ahmed, A...

Publish Year: 2020

#### PEOPLE ALSO ASK

Is the mesenchymal stem cell the same as the stromal cell? ▾

What is the MSC position on mesenchymal stem cells? ▾

What are the immunoregulatory mechanisms of mesenchymal stem? ▾

How are stem cells different from cancer cells? ▾

Feedback

### Immunoregulatory mechanisms of mesenchymal stem and ...

<https://www.nature.com/articles/s41581-018-0023-5>

Jun 12, 2018 · Zhu, X. Y. et al. Mesenchymal stem cells and endothelial progenitor cells decrease renal injury in experimental swine renal artery stenosis through different mechanisms. Stem Cells ...

Cited by: 263

Author: Yufang Shi, Yufang Shi, Yu Wang, Qing L...

Publish Year: 2018