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**Application and prospect of adipose stem cell transplantation therapy of lymphedema**

Li ZJ *et al.* Adipose stem cells in lymphedema

Zhu-Jun Li, Elan Yang, Yun-Zhu Li, Zheng-Yun Liang, Jiu-Zuo Huang, Nan-Ze Yu,

Xiao Long

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Exploring a New Therapy for Diabetic Polyneuropathy – The Application of Stem Cell Transplantation  
Hiroki Mizukami 1, \* and Soroku Yagihashi 1 1 Department of Pathology and Molecular Medicine, Hirosaki University Graduate School of Medicine, Hirosaki, Japan

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## Adipose-derived stem cells promote lymphangiogenesis in ...

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Recent studies have demonstrated that **augmentation of lymphangiogenesis and tissue engineering** hold promise as a **treatment for lymphedema**. The purpose of this study was to determine whether **adipose-derived stem cells (ASCs)** can be used in **lymphatic tissue-engineering** by altering the balance between **pro- and anti-lymphangiogenic** cytokines.

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Author: Alan Yan, Tomer Avraham, Jamie C Zam...

Publish Year: 2011

## Prospect of stem cells conditioned medium (secretome) in ...

<https://stemcellsjournals.onlinelibrary.wiley.com/doi/full/10.1002/sctm.19-0388>

Apr 18, 2020 · **STEM CELLS Translational Medicine** works to advance the clinical utilization of **stem cell molecular** and cellular biology. By bridging **stem cell research** and helping speed translations of emerging lab discoveries into **clinical trials**, **STEM CELLS Translational Medicine** will help move **applications** of these critical investigations closer to accepted best practices and ultimately improve ...

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6905342>

**Stem cell therapy** provides new potential in the **treatment** of **AD** due to the self-renewal ability and high differentiation potential of **stem cells**. **Cell transplantation** as a **therapy** for **neuro-degenerative disorders** was first explored in Parkinson's disease several years ago (Lindvall et al., 1988).

### [Adipose tissue derived mesenchymal stem cell ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/30517328>

**Adipose** tissue derived mesenchymal **stem cell transplantation** in the **treatment** of ischemia/reperfusion induced acute kidney injury in rats. **Application** route and therapeutic window<sup>1</sup>. Monteiro BS(1), Santos BSD(2), Almeida BL(2), Hiura E(2), Fiorio WAB(3), Valdetaro GP(2), Gonçalves DV(2), Silva CS(4), Champion T(5), Campagnol D(6).

**Cited by:** 2      **Author:** Betânia Souza Monteiro, Bianka Souza d...

**Publish Year:** 2018

### [Cell-Assisted Lipotransfer Using Autologous Adipose ...](#)

<https://stemcellsjournals.onlinelibrary.wiley.com/doi/full/10.5966/sctm.2015-0357>

**Lymphedema** is a very debilitating side effect of **cancer treatment** and has very few **treatment** options. **Stem cell therapy** has the potential to change the **treatment** paradigm from a conservative to a more curative approach. Freshly isolated, autologous, **adipose**-derived **stromal cells** were combined with a fat-graft procedure to **treat lymphedema**.

**Cited by:** 5      **Author:** Navid Mohamadpour Toyserkani, Charlott...

**Publish Year:** 2016

### [Local transplantation of adipose-derived stem cells has a ...](#)

<https://www.nature.com/articles/s41598-020-60041-2>

Feb 20, 2020 · **Adipose**-derived **stem cells** (ADSCs) have anti-inflammatory and regenerative properties. The purpose of this study was to investigate the ...

**Author:** Hideki Ueyama, Tadashi Okano, Kumi...      **Publish Year:** 2020