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Recent advances in bioprinting techniques: approaches, applications ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5028995/> - 翻译此页

作者 : J Li - 2016 - 被引用次数 : 89 - 相关文章

2016年9月20日 - **Bioprinting** technology shows **potential** in tissue engineering for the fabrication ... printed [28], facilitating studies of cancer pathogenesis and **treatment**. Human mesenchymal **stem cells** (hMSCs) were subsequently mixed with the will benefit hundreds of millions of **diabetic** patients around the globe.

Concise Review: Bioprinting of Stem Cells for Transplantable Tissue ...

<https://stemcellsjournals.onlinelibrary.wiley.com/doi/full/10.../sctm.17-0148> - 翻译此页

作者 : AN Leberfinger - 2017 - 被引用次数 : 13 - 相关文章

2017年8月24日 - **Bioprinting applications** use multiple **stem cell** types including ... "Stem Cell Applications in Military Medicine" [**Stem Cell Research & Therapy** 2011;2:40]]. However, their differentiation **potential** decreases with increasing age 19, **Diabetes** in Action Research and Education Foundation Grant 426 (ITO), ...

[PDF]

Stem cells in three-dimensional bioprinting: Future ... - Semantic Scholar

<https://pdfs.semanticscholar.org/.../bc17eec90e3011cf24b8cf7401712782e3...> - 翻译此页

作者 : MS Jameel Osborne - 2015 - 被引用次数 : 2 - 相关文章

medicine; **Stem cell therapy**. **Stem cells** ... est in **stem cell** use within the field of **bioprinting**. Stem ... showed promising **treatment potential** for patients with **diabetes** mel- litus (7). ... able candidates for therapeutic and regenerative **applications**.

Bioprinting and Cellular Therapies for Type 1 Diabetes | Request PDF

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Recent developments in **stem cell** biology have generated much excitement... in order to fabricate pancreas tissues, which holds great **potential** for type 1 **diabetes**. ... is an approach on the verge of successful clinical **application**. ... Engineering a Clinically Translatable Bioartificial Pancreas to **Treat** Type I **Diabetes**. Article.

Name of Journal: *World Journal of Stem Cells*

Manuscript NO: 42870

Manuscript Type: REVIEW

Applications of stem cells and bioprinting for potential treatment of diabetes

Anil Kumar *S et al.* Applications of stem cells and bioprinting for potential treatment of diabetes

Shweta Anil Kumar, Monica Delgado, Victor E Mendez, Binata Joddar

Abstract

Currently, there does not exist a strategy that can reduce diabetes and scientists are working towards a cure and innovative approaches by employing stem cell-based

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Stem cell applications in diabetes. - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/24196798> - 翻译此页

作者 : H Noguchi - 2012 - 被引用次数 : 7 - 相关文章

Type 2 diabetes is a more complex pathology that, in addition to β cell loss caused ... interest in treating diabetes or other diseases not only by cell transplantation but ... in addition to embryonic stem cells, several potential adult stem/progenitor ...

缺少字词 : bioprinting

Stem Cell Therapies for Treating Diabetes: Progress and ... - Cell Press

[https://www.cell.com/cell-stem-cell/pdf/S1934-5909\(18\)30234-0.pdf](https://www.cell.com/cell-stem-cell/pdf/S1934-5909(18)30234-0.pdf) - 翻译此页

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Biotechnological Potential of Stem Cells - MedCrave

<https://medcraveonline.com/JSRT/JSRT-03-00090.php> - 翻译此页

跳到Multidisciplinary Applications of Stem Cells - These autologous stem cells have the potential to ...

They can be used in the treatment of diseases like end-stage kidney disease, neurodegenerative diseases, and diabetes, for which limited availability Stem Cells; Three Dimensional (3-D)

Bioprinting: An Industrial

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作者 : AN Leberfinger - 2017 - 被引用次数 : 15 - 相关文章

2017年8月24日 - Bioprinting applications use multiple stem cell types including ... "Stem Cell Applications in Military Medicine" [Stem Cell Research & Therapy 2011;2:40]]. ... However, their differentiation potential decreases with increasing age 19, Diabetes in Action Research and Education (Diabetes Control and Complications Trial (DCCT) and Trial To Improve Care in Type 1 Diabetes (T1D-TICD))