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**Name of Journal:** *World Journal of Stem Cells***Manuscript NO:** 54687**Manuscript Type:** MINIREVIEWS**Strategies for treating oesophageal diseases with stem cells**Gao Y *et al.* Stem cells therapies on oesophageal diseases

Yang Gao, Shi-Zhu Jin

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Oct 09, 2018 · **Stem cell** therapies and relevant **cell-based regenerative medicine** approaches hold promise for improving the outcomes of CNS **diseases** and disorders and may be enhanced by additional knowledge, modification, and novel applications of **stem cells**, such as **stem cell-mediated mitochondrial transfer** and **stem cell encapsulation**.

### Scientists create human esophagus in stem cell first

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**Cited by:** 3      **Author:** Robert W. Brooks, Paul D. Robbins  
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Jan 11, 2019 · Transplantation of stem cells, including **mesenchymal stem cells** (MSCs), haematopoietic stem cells and endothelial progenitor cells, has proven to be effective in eliminating **chronic liver injury** to **repair fibrotic livers** by promoting **hepatocyte transdifferentiation** and **hepatocyte proliferation**, **inhibiting activated hepatic stellate cells** (HSCs), up-regulating the activity of **matrix metalloproteinases** (MMPs) and promoting neovascularization in **liver tissues**...

**Cited by:** 7      **Author:** Chenxia Hu, Lingfei Zhao, Jinfeng Duan, La...  
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**Cited by:** 15**Author:** Ricardo Londono, Stephen F. Badylak**Publish Year:** 2015

## Oesophageal Stem Cells and Cancer

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6126191>

However, the increasing incidence and poor prognosis of **oesophageal** cancer have stimulated interest from the cancer and **stem cell** community to understand the cellular and molecular mechanisms underlying **oesophageal stem cell** biology, and howAlcolea, M.P. dysregulation of tissue homeostasis can lead to epithelial **diseases** such as cancer.

**Cited by:** 3**Author:** Maria P. Alcolea, Maria P. Alcolea**Publish Year:** 2017

## Repairing the Nervous System with Stem Cells | stemcells ...

[https://stemcells.nih.gov/info/Regenerative\\_Medicine/2006chapter3.htm](https://stemcells.nih.gov/info/Regenerative_Medicine/2006chapter3.htm) ▼

The intensive research aiming at curing Parkinson's **disease with stem cells** is a good example for the various **strategies**, successful results, and remaining challenges of **stem cell**-based brain repair. Parkinson's **disease** is a progressive disorder of motor control that affects roughly 2% of persons 65 years and older.

## (PDF) Regenerative Medicine Strategies for Esophageal Repair

[https://www.researchgate.net/publication/274257853\\_Regenerative\\_Medicine\\_Strategies...](https://www.researchgate.net/publication/274257853_Regenerative_Medicine_Strategies...)

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## [Stem Cell Therapy & Treatment - Diseases and Conditions](#)

<https://www.eurostemcell.org/what-diseases-and...> ▾

The most well-established and widely used **stem cell treatment** is the transplantation of blood **stem cells** to **treat diseases** and conditions of the blood and immune system, or to restore the blood system after treatments for specific cancers. Further, since the 1980s, skin **stem cells** have been used to grow skin grafts for patients with severe ...

## [\(PDF\) Oesophageal Stem Cells and Cancer - ResearchGate](#)