

## Match Overview

Rank	Source	Words	Percentage
1	Internet crawled on 19-Apr-2020 <a href="http://translational-medicine.biomedcentral.com">translational-medicine.biomedcentral.com</a>	189 words	3%
2	Internet crawled on 16-Nov-2019 <a href="http://cancercommun.biomedcentral.com">cancercommun.biomedcentral.com</a>	168 words	3%
3	Internet crawled on 28-Mar-2019 <a href="http://mobilednajournal.biomedcentral.com">mobilednajournal.biomedcentral.com</a>	143 words	3%
4	Internet crawled on 11-Jul-2017 <a href="http://www.hh.um.es">www.hh.um.es</a>	132 words	2%
5	Internet crawled on 17-Feb-2020 <a href="http://www.liebertpub.com">www.liebertpub.com</a>	114 words	2%
6	Crossref Taruna Anand, Thirumala R. Talluri, Dharmendra Kumar, Wilfried A Kues et al. "Differentiation of Induced Pluripotent ..."	79 words	1%
7	Crossref Krishna Kumar Haridhasanavalan, Manash P. Boroghain et al.	71 words	1%

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

**Manuscript NO:** 54955

**Manuscript Type:** REVIEW

**Potential of transposon-mediated cellular reprogramming towards cell-based therapies**

Dharmendra Kumar, Taruna Anand, Thirumala R Talluri, Wilfried A Kues

### Abstract

Induced pluripotent stem (iPS) cells present a seminal discovery in cell biology and promise to support innovative treatments of so far incurable diseases. To translate iPS technology into clinical trials, the safety and stability of these reprogrammed



235,000 Results

Any time ▾

## T reg cell-based therapies: challenges and perspectives ...

<https://www.nature.com/articles/s41577-019-0232-6>

Dec 06, 2019 · Cellular therapies using regulatory T (Treg) cells are currently undergoing clinical trials for the treatment of autoimmune diseases, transplant rejection and graft-versus-host disease. In this ...

Cited by: 3

Author: Caroline Raffin, Linda T. Vo, Jeffrey A. Blu...

Publish Year: 2020

## Sleeping Beauty transposon-based system for cellular ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3561994>

The discovery of direct cell reprogramming and induced pluripotent stem (iPS) cell technology opened up new avenues for the application of non-viral, transposon-based gene delivery systems. The Sleeping Beauty (SB) transposon is highly advanced for versatile genetic manipulations in mammalian cells.

Cited by: 88

Author: Ivana Grabundzija, Jichang Wang, Attila ...

Publish Year: 2013



## Derivation and Characterization of Bovine Induced ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4378356>

Apr 01, 2015 · Derivation and Characterization of Bovine Induced Pluripotent Stem Cells by Transposon-Mediated Reprogramming Thirumala R. Talluri , 1,, 2 Dharmendra Kumar , 1,, 3 Silke Glage , 4 Wiebke Gampe , 4 Zoltan Kiss , 5 Katharina Dehewali , 6 Rüdiger ...





Potential of transposon-mediated cellular reprogrammin  

Sign in



ALL IMAGES VIDEOS

236,000 Results Any time ▾

### T reg cell-based therapies: challenges and perspectives ...

<https://www.nature.com/articles/s41577-019-0232-6>

Dec 06, 2019 · **Cellular therapies** using regulatory T (Treg) cells are currently undergoing clinical trials for the **treatment** of autoimmune diseases, transplant rejection and graft-versus-host disease. In this ...

**Cited by:** 3 **Author:** Caroline Raffin, Linda T. Vo, Jeffrey A. Bl...

**Publish Year:** 2020

### Search Tools

Turn off Hover Translation (关闭取词)

### Sleeping Beauty transposon-based system for cellular ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3561994>

Sleeping Beauty transposon-based system for **cellular reprogramming** and targeted gene insertion in induced pluripotent stem cells. ... we investigated **cellular reprogramming** in MEFs, ... These cells are relevant targets for stem cell biology and for regenerative medicine and gene- and cell-based **therapies** of complex genetic diseases.

**Cited by:** 88 **Author:** Ivana Grabundzija, Jichang Wang, Attila ...

**Publish Year:** 2013

### Cell Therapy - an overview | ScienceDirect Topics

<https://www.sciencedirect.com/topics/medicine-and-dentistry/cell-therapy>

236,000 Results

Any time ▾

## [Sleeping Beauty transposon-based system for cellular ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3561994>

Sleeping Beauty transposon-based system for **cellular reprogramming** and targeted gene insertion in induced pluripotent stem cells. ... we investigated **cellular reprogramming** in MEFs, ... These cells are relevant targets for stem cell biology and for regenerative medicine and gene- and cell-based **therapies** of complex genetic diseases.

**Cited by:** 88      **Author:** Ivana Grabundzija, Jichang Wang, Attila ...

**Publish Year:** 2013

## [T reg cell-based therapies: challenges and perspectives ...](#)

<https://www.nature.com/articles/s41577-019-0232-6>

Dec 06, 2019 · **Cellular therapies** using regulatory T (Treg) cells are currently undergoing clinical trials for the **treatment** of autoimmune diseases, transplant rejection and graft-versus-host disease. In this ...

**Cited by:** 3      **Author:** Caroline Raffin, Linda T. Vo, Jeffrey A. Bl...

**Publish Year:** 2020

## [Cell Therapy - an overview | ScienceDirect Topics](#)

<https://www.sciencedirect.com/topics/medicine-and-dentistry/cell-therapy>

Cell-based **therapies** are increasingly considered to be a **potential treatment** option for peripheral artery disease. Recently, there has been heightened interest in the concept of mature-cell activation to augment the efficacy of cell **therapy**. This is a novel concept in the field of cardiovascular regenerative medicine and provides hopes to build ...

## [Proceedings: Moving Toward Cell-Based Therapies for Heart ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4511153>

Cell-based therapies currently being investigated both preclinically and clinically have the potential to address these underlying problems either by actually replacing lost tissue or by supplying **paracrine growth factors** that may have multiple beneficial effects such as **reduction of inflammation**, increase of **blood supply**, **improvement in cell survival**, and **reduction of scar size**.

**Cited by:** 16      **Author:** Lisa C. Kadyk, Lila R. Collins, Neil J. Litt...