

A Short Note on Stem Cell

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С e a

Stem Cell, an undi erentiated cell that can gap to create a few posterity cells that goes on as Stem Cell and a few cells that are bound to separate (become particular). Stem Cell is a continuous wellspring of the separated cells that make up the tissues and organs of creatures and plants. ere is extraordinary interest in stem cell since they have potential in the advancement of treatments for supplanting faulty or harmed cells coming about because of an assortment of issues and wounds, like Parkinson sickness, coronary disease, and diabetes. ere are two signi cant sorts of stem cell: early stage stem cells and adult stem cell, which are additionally called tissue undeveloped cells [1].

Areas of dynamic exploration on undi erentiated cell science inside these projects include:

FdASI[Y1]hviv[evsew][ZefW UvrzsrzshvivW14;fda~W W >; 8 Xid fZvrd egbbad Nitz WZg_S Virk efSvvg WhivabW ‡ to become particular liver cells cells structure a wide assortment of separated tissues in vitro, and

? SI [YefW UM [Xkhey styleture xer axwashingssfjeinex into immunosuppressed mice. t ;f[e`∳]`ai` i ZWAZWAIfZWUWeUS` Ua^a`[1WWAWAka`WaXfZWf[eegWa engine neuron infection

of a human incipient organism, yet it is assumed from their di erent ? S] [`Y [`eg']` $\check{Z}dMF$] properties that they are without a doubt pluripotent cells, and they t preliminaries in diabetes along these lines are viewed as a potential wellspring of separated

; h[Yad5f] YS WW kaxe a the with the event of the fail a xS bSf[Wfge t through controlled stem cell

7jS_[`[`YfZWgf['[]Sf[a` aXg` WMWabW UWe fa efgVkS`V t treat Gaucher infection and parkinsonism

DWa`efcgUf[`YYchi fZWb/[Uf[`hg^WBT/WWeXa_ EfW t Cell for disease immunotherapy

5a` fda^{[`YEfW_5Wfa TWa_WTa` W\$` V (YS_Wf ‡

ere are three main types of stem cell [2]:

7_Tdka`[UefW_UWe ‡

‡ 3Vg′fef₩ UWe

‡ ;`VgUWb′gqbafWf efW_UWe

E b ic e ce

G`WhatWabW Eft⊻ 5W*egbb/k`W/UW*e Xad S` [`U[b[Wf ‡ organism? as it develops and forms into a child.

WAVEFW 5We SolvegbbaeW fa TWb/gdbafWfl S V fZSf implies they can change into any cell in the body.

Ad e ce

3Vg/fef₩_UW/egbb/k`W/UW/eSeS/[XVXad__VMaWabS`Vfa † supplant cells that get harmed.

3Vg/f EfW_5W^SdWegbbaeW fa TW_g/f[bafWfl S`V fZSf implies they can change into certain cells in the body, no cell, for instance [3]:

4'aaV /ad yZSW Sfaba[Wi[Ufi EfW 5W US` egbb/S`f fZW t di erent sorts of cells in the blood.

E|[`/adyWs/fiefW_UWeYhWzWhSdage][`VeaXUWe t that make up our skin and hair.

I d ced i e e ce

; `VgUW b/gdbafWf efW_UWel ad yBE UWely SolWefW_5W t that researchers make in the lab.

yBda_bfWy[_b^{WyfZSf fZWxSdW_SWV[`fZWST Tk fS] [`Y typical adult cells, similar to skin or platelets, and reinventing them to become stem cells.

HWak_gUZ 1] Wg`WMWabWefW_UWet fZWrSdWb'gdbafWf so they can form into any cell type.

н a e b ic e ce

Zai VMMfZWVa`∳

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