Abstract

\text{\delta \ \ \\\ \alpha \ \alpha \

Introduction

Sem cell bille j a i le al a ea le each ha del e in le he f madamental i le e ie and di e, e a i lica ile le me cell, hich he d igni, can i le mi e fe ad ancing le mede, anding f de elle men, di ea e, and regeneral e medicine. Sem cell a e ni, e in hei abili. Le be h elfrene, here b main aining hei mi e en ia ed rae, and di e en ia e in le cell i e, a

In addi, ion . In he a e , ic a · lica, ion, , , em cell biolog i, in ... men al in di ea e modeling and d. g di co e. . B c.ea, ing di ea e-, · eci, c iPSC, , e ea che, can de elo in i. . In model of a ion com di ion, . . In iding in igh, in odi ea e mechani m, and

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Discussion

S,em cell billing ha made .am fil mai e clan.ib. illin . line .ad., and ing left de elle mem., di ea e mechani m, and egeme.ai e medicine. e abili. left em cell. leg elft eme and di e.en.ia.e in le di e.e cell . e ha emabled igni, cam. ad ancemem. in clinical a i lica.illin, ch a hema. left ice. em cell .am lam.aillin fill .ea. ing blead di le de. and he de elle mem. left em cell ba ed .he a ie fill clandillen like mac la degeme.aillen and i inal clad inj. ie. e e achie emem. highligh. he i le em. ial left ce ing i e ill le m. ea. able clandillen. He e e., he eld face e e.al challenge, incl. ding e.hical clance. ela. ed. le elle face e e.al challenge, incl. ding e.hical clance. ela. ed. le elle face em. cell, echnical di c. lie in main.aining and mani la ing. em cell, and afe. i e cha .miligenici. and imm. ne ejec.illine [6].

Addi, i all, caling, c, em cell, he a ie, make, hem acce, ible and co.-e ec.i e emin, a, igni, can, h, dle. Deci, e, he e b, acle, some sing e each and echnological ad ancemen, ,, ch a, im e ed e mag, amming echni, e and integration i.h.i, e enginee ing, c min e enhance the e cac and a clication of the cell-bated rea, men, . Add e ing he e challenge the ghost min ed in a ation