

Hydroxyapatite Nanoparticles Facilitate Osteoblast Differentiation and Bone Formation Within Sagittal Suture During Expansion in Rats [Corrigendum]

Liang W, Ding P, Li G, Lu E, Zhao Z. *Drug Des Devel Ther.* 2021;15:905–917.

Figure 1D and E on page 909 is incorrect. The correct Figure 1 is shown below.

Page 908, Animal Model section, line 3 from the bottom, the text “100 µg/mL” should read “25 µg/mL”.

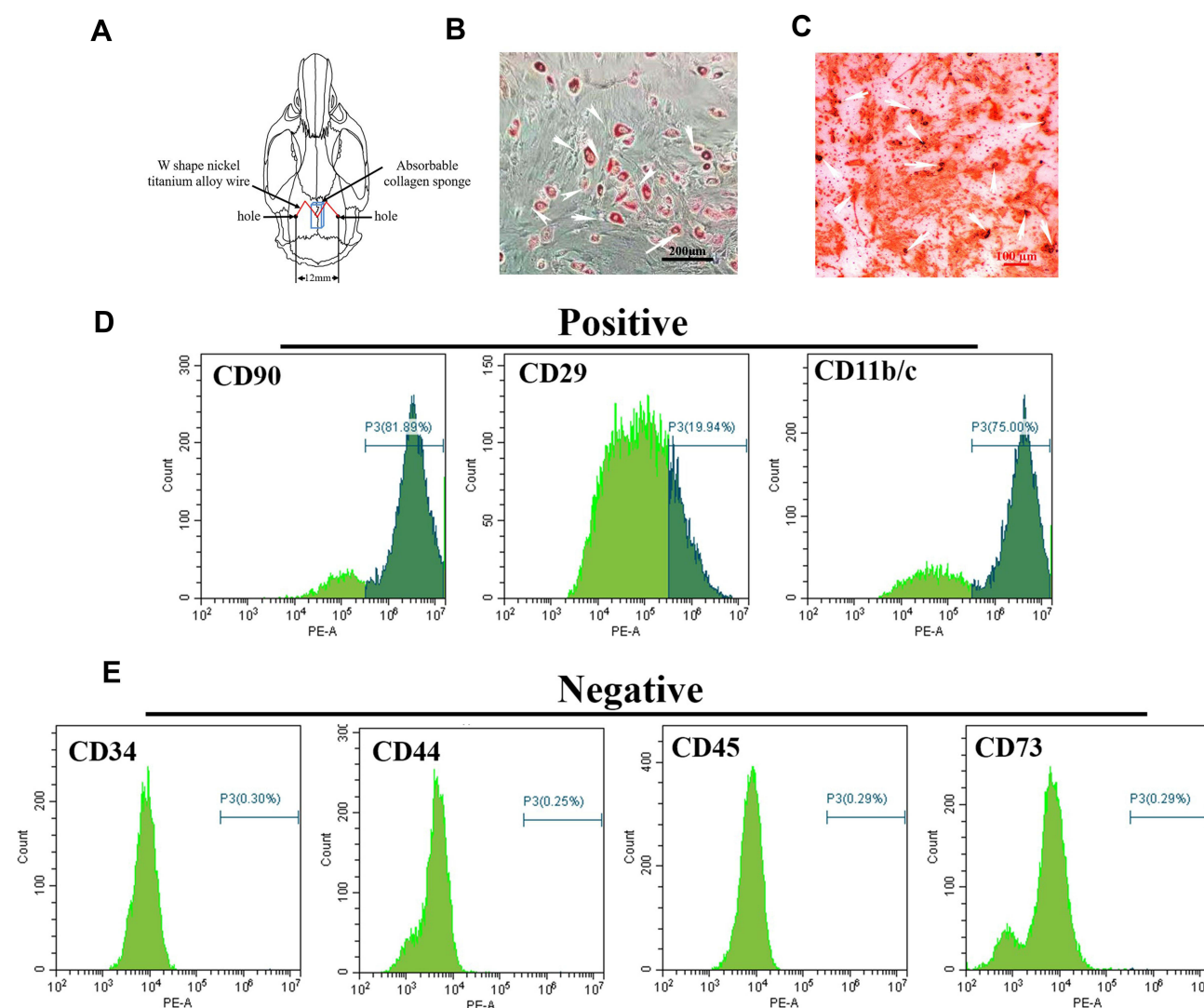


Figure 1 Characterization and differentiation of suture-derived stem cells (SuSCs). **(A)** Schematic illustration of holes made on the parietal bone to place the expansion appliance and absorbable collagen sponge. **(B)** Oil red staining indicated lipid restoration in SuSCs after cultured in lipid-forming medium for 21 days; white arrows indicate oil drop scale bar; 200 µm. **(C)** Alizarin red S staining of SuSCs cultured in osteogenic medium at day 14; white arrows indicate calcium nodules scale bar; 100 µm. **(D)** Flow cytometry analysis shows that SuSCs are expressing markers CD11b/c (75.00%), CD29 (19.94%) and CD90 (81.89%), but **(E)** not expressing markers CD34 (0.30%), CD44 (0.25%), CD45 (0.29%) and CD73 (0.29%).

Page 910, Characteristics of Synthesized nHAP section, second to last sentence, the text “Moreover, based on the XRD pattern, we identified that the crystallinity degree of nHAP was $76 \pm 3.6\%$ ” should read “Moreover, based on the XRD pattern, we identified that the crystallinity degree of nHAP was $76 \pm 3.6\%$ (Figure 2C)”.

Page 910, Characterization of Isolated SuSCs section, second sentence, the text “Flow cytometric characterization analysis showed that the SuSCs were homogenously positive (Figure 1D) for CD90 (94.54%), CD29 (75.12%)

and CD11b/c (90.81%) and negative (Figure 1E) for CD34 (1.56%), CD44 (1.35%), CD45 (1.00%) and CD73 (9.32%)” should read “Flow cytometric characterization analysis showed that the SuSCs were homogenously positive (Figure 1D) for CD90 (81.89%), CD29 (19.94%) and CD11b/c (75.00%) and negative (Figure 1E) for CD34 (0.30%), CD44 (0.25%), CD45 (0.29%) and CD73 (0.29%)”.

The authors apologize for these errors and advise they do not affect the conclusion of the paper.

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