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Correction: miR-20a-5p contributes to osteogenic differentiation of human dental pulp stem cells by regulating BAMBI and activating the phosphorylation of Smad5 and p38

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Following publication of the original article [1], the authors have identified that the incorrect image of ALP staining for 14d in Fig. 1F were included due to an error

during manuscript typesetting. The corrected image of ALP staining for 14d has been updated in Fig. 1F.

Therefore, the revised Fig. 1 is given in this article.

The original article can be found online at https://doi.org/10.1186/s13287-021-02501-8.

Full list of author information is available at the end of the article



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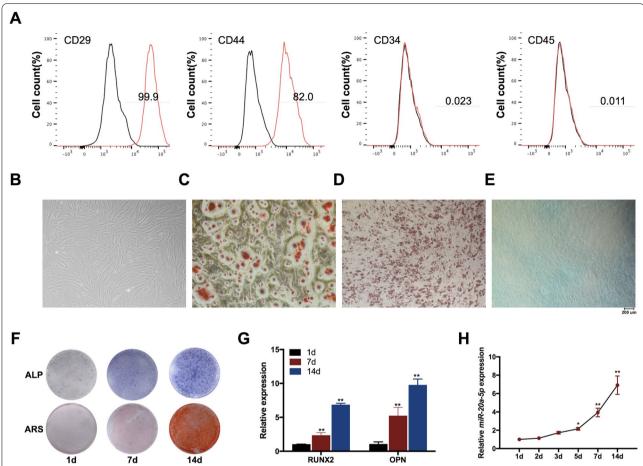


Fig. 1 miR-20a-5p was up-regulated during the osteogenesis of hDPSCs. **A** hDPSCs were positive for CD29 and CD44, while negative for CD34 and CD45. **B** The morphology of primary hDPSCs was spindle-shaped fibroblast-like. **C**–**E** Osteogenic and chondrogenic differentiations were evaluated by ARS and Alcian Blue staining respectively, and Oil Red O staining was performed for testing adipogenic differentiation. **F** ALP and ARS staining after osteogenic induction for 1, 7, and 14 days. **G** RUNX2 and OPN mRNA levels after osteogenic induction for 1, 7, and 14 days. **H** The expression levels of miR-20a-5p from day 1 to day 14. *p < 0.05 and **p < 0.01 compared with osteogenic induction for 1 day

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