

CORRECTION

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# Correction: Composite cell sheet for periodontal regeneration: crosstalk between different types of MSCs in cell sheet facilitates complex periodontal-like tissue regeneration

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**Correction to: *Stem Cell Research & Therapy* (2016) 7:168**  
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The original version of the above article contains errors that need to be corrected. Incorrect ALP staining images for Fig. 3a (JBMMSCS group, lower, and CSCS group, upper) were used in figure assembly. The authors now provide the correct images together with the quantification results for ALP staining in Fig. 3a. The corrected

Fig. 3, together with the accompanying legend, appears below. Furthermore, the authors have provided a new Supplementary Figure (Additional file 1: Fig. S3, together with the accompanying legend) related to Fig. 3 to show the original gel images of BSP and ALP results in Fig. 3c. The correction does not affect the conclusions of the above paper. We apologize for the mistakes and any inconvenience caused.

The original article can be found online at <https://doi.org/10.1186/s13287-016-0417-x>.

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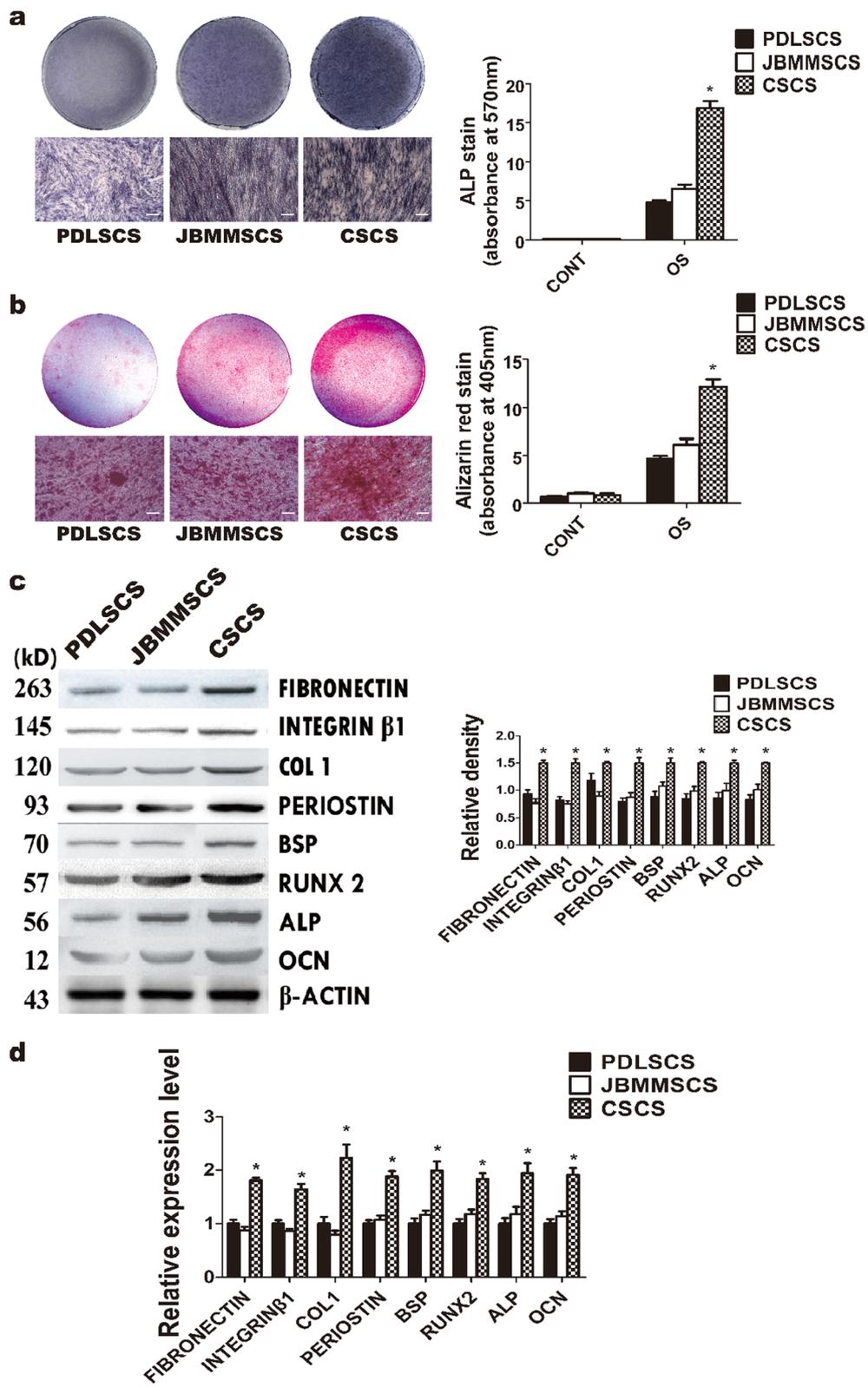
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(See figure on next page.)

**Fig. 3** Investigation of the difference of *PDLSCS*, *JBMMSCS* and *CSCS* in vitro. **a** ALP activity of the three types of cell sheets assessed by ALP staining and quantified by absorptiometry. **b** Osteogenic differentiation of the three types of cell sheets assessed by Alizarin red staining and quantified by absorptiometry. **c** The results of Western blot and quantitation show the expression of osteoblast- and ECM-related proteins in the three types of cell sheets. **d** The results of PCR show the expression of osteoblast- and ECM-related genes in the three types of cell sheets. *PDLSCS*: periodontal ligament stem cell sheet; *JBMMSCS*: jaw bone marrow-derived mesenchymal stem cell sheet; *CSCS*: composite stem cell sheet. The data are shown as mean  $\pm$  SD. \*  $P < 0.05$ ,  $n = 3$ . The scale bar represents 50  $\mu\text{m}$



## Supplementary Information

The online version contains supplementary material available at <https://doi.org/10.1186/s13287-022-03077-7>.

**Additional file 1: Fig. S3.** The original gel images of BSP and ALP results in fig.3c. **a** The original gel image of BSP. **b** The original gel image of BSP with labels and marks. **c** The original gel image of ALP. **d** The original gel image of ALP with labels and marks. *PDLSCS*: periodontal ligament stem cell sheet; *JBMMSCS*: jaw bone marrow-derived mesenchymal stem cell sheet; *CSCS*: composite stem cell sheet; Yellow arrows: the blots displayed in fig.3c (BSP and ALP).

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