


 Cite this: *RSC Adv.*, 2024, 14, 3761

## Correction: Enhancing osteogenic differentiation of MC3T3-E1 cells during inflammation using UPPE/ $\beta$ -TCP/TTC composites *via* the Wnt/ $\beta$ -catenin pathway

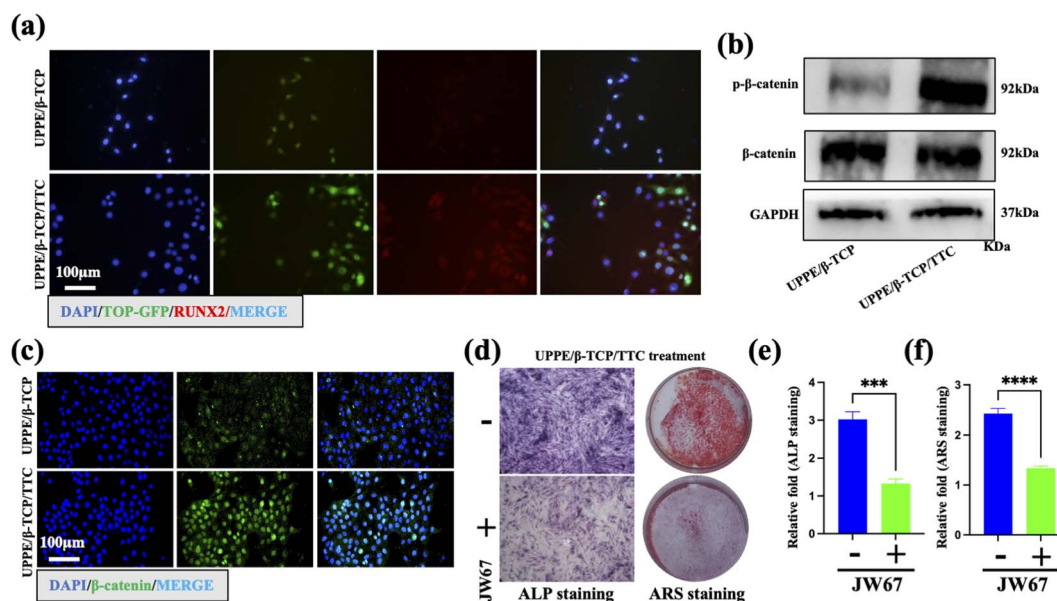
 Qi-lin Li,<sup>abc</sup> Ya-xin Wu,<sup>abc</sup> Yu-xiao Zhang,<sup>abc</sup> Jing Mao<sup>\*abc</sup> and Zhi-xing Zhang<sup>\*abc</sup>

DOI: 10.1039/d4ra90004a

[rsc.li/rsc-advances](https://doi.org/10.1039/d4ra90004a)

 Correction for 'Enhancing osteogenic differentiation of MC3T3-E1 cells during inflammation using UPPE/ $\beta$ -TCP/TTC composites *via* the Wnt/ $\beta$ -catenin pathway' by Qi-lin Li *et al.*, *RSC Adv.*, 2024, 14, 1527–1537, <https://doi.org/10.1039/D3RA05529A>.

The authors regret that an incorrect version of Fig. 4 was included in the original article. The correct version of Fig. 4 is presented below.



**Fig. 4** UPPE/ $\beta$ -TCP/TTC composites enhanced the osteogenic differentiation of MC3T3-E1 cells through the Wnt/ $\beta$ -catenin pathway under *P.g*-LPS stimulation. (a) Immunofluorescent staining of TOP-GFP and RUNX2 in MC3T3-E1 cells on the surface of UPPE/ $\beta$ -TCP and UPPE/ $\beta$ -TCP + 1% TTC after cell culture in *P.g*-LPS for 21 days. (b) The protein expression levels of  $\beta$ -catenin and p- $\beta$ -catenin on the surface of UPPE/ $\beta$ -TCP and UPPE/ $\beta$ -TCP + 1% TTC after cell culture in *P.g*-LPS for 21 days. (c) Immunofluorescent staining of  $\beta$ -catenin in MC3T3-E1 cells on the surface of UPPE/ $\beta$ -TCP and UPPE/ $\beta$ -TCP + 1% TTC after cell culture in *P.g*-LPS for 21 days. (d) ARS and ALP staining of MC3T3-E1 cells (with or without JW67, the WNT pathway inhibitors) on the surface of UPPE/ $\beta$ -TCP + 1% TTC after cell culture in *P.g*-LPS for 21 days and quantitative analysis in (e) and (f). \*\*\* $P < 0.001$ , \*\*\*\* $P < 0.0001$ , compared with the without JW67 group.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

<sup>a</sup>Department of Stomatology, Tongji Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan 430030, China. E-mail: maojing@hust.edu.cn; zzx@tjh.tjmu.edu.cn

<sup>b</sup>School of Stomatology, Tongji Medical College, Huazhong University of Science and Technology, Wuhan 430030, China

<sup>c</sup>Hubei Province Key Laboratory of Oral and Maxillofacial Development and Regeneration, Wuhan 430022, China

