

RETRACTION NOTE OPEN



Retraction Note: miR-381 modulates human bone mesenchymal stromal cells (BMSCs) osteogenesis via suppressing Wnt signaling pathway during atrophic nonunion development

Haitao Long , Yong Zhu, Zhangyuan Lin, Jun Wan, Liang Cheng, Min Zeng, Yifu Tang and Ruibo Zhao

© The Author(s) 2024

Cell Death and Disease (2024)15:280; <https://doi.org/10.1038/s41419-024-06650-5>

Retraction to: *Cell Death and Disease* <https://doi.org/10.1038/s41419-019-1693-z>, published online 17 June 2019

The Editor's in Chief have retracted this article. After publication overlap between images was noted in multiple figures, specifically:

- In Fig. 3H the Alizarin Red Staining NC mimics overlaps with the Alizarin Red Staining control in Fig. 5I.
- In Fig. 3H the Alizarin Red Staining miR-381 mimics overlaps with the Alizarin Red Staining NC inhibitor si-FZD3 in Fig. 5I.
- In Fig. 3H the ALP miR-381 inhibitor overlaps with the ALP NC inhibitor si-FZD3 in Fig. 5I.
- In Fig. 3H the ALP miR-381 mimics overlaps with the ALP control in Fig. 5I.
- In Fig. 3H the ALP NC mimics overlaps with the ALP PBS in Fig. 6K.
- In Fig. 5I the ALP miR-381 inhibitor +si-NC overlaps with the ALP PBS in Fig. 6K.

The Editor's in Chief have, therefore, lost confidence in the integrity of the results presented in this article.

None of the authors have responded to any correspondence from the editor/publisher about this retraction.



Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2024