



## CORRIGENDUM

**A Novel Hybrid Compound LLP2A-Alendronate Accelerates Open Fracture Healing in a Rabbit Model [Corrigendum]**

Wang Z, Zhao Y, Zhang D, et al. *Drug Des Devel Ther*. 2019;13:1077–1086.

Following a review of the article, the authors noticed errors in the main text. The following statements below have been corrected:

Page 1078, column 1, line 12, the text:

“In order to solve this dispute, we tried to synthesize a novel chemical compound which could directly enhance autologous MSCs migrating to the fracture gap instead of any cell purification or gene modification” should read:

“Here, we evaluated a novel chemical compound which could directly enhance autologous MSCs migrating to the fracture gap instead of any cell purification or gene modification.”<sup>24</sup>

Page 1078, column 1, line 27, the text:

“Thus, we conjugated LLP2A to alendronate (Ale), a kind of bisphosphonate with high affinity for bone, which served as a bone-seeking component to direct both the cells and the compound to bone” should read:

“LLP2A conjugated to alendronate (Ale), a kind of bisphosphonate with high affinity for bone, could serve as a bone-seeking component to direct both the cells and the compound to bone.”<sup>31–34</sup>

Page 1078, column 1, line 40, the text:

“Our previous experiments in mice have demonstrated that LLP2A-Ale was able to increase homing of the transplanted MSCs to the fracture site, which consequently accelerated closed fracture healing” should read:

“Previous experiments in mice have demonstrated that LLP2A-Ale was able to increase homing of the trans-

planted MSCs to the fracture site, which consequently accelerated closed fracture healing.”<sup>24</sup>

Page 1084, column 1, line 2, the text:

“Our research group has previously reported that engraftment efficacy can be increased via the “bone-targeting” agent LLP2A-Ale, which improves the homing of transplanted MSCs to the fracture callus, using a mouse model with closed fracture.”<sup>24</sup> should read:

“It has previously been reported by Yao et al that engraftment efficacy can be increased via the “bone-targeting” agent LLP2A-Ale, which improves the homing of transplanted MSCs to the fracture callus, using a mouse model with closed fracture.”<sup>24</sup>

**References**

31. Guan M, Yao W, Liu RW, et al. Directing mesenchymal stem cells to bone to increase bone formation. *Nat Med*. 2012;18(3):456–462.
32. Yao W, Guan M, Jia JJ, et al. Reversal of bone loss induced by estrogen deficiency or aging by guiding the mesenchymal stem cells to bone. *Stem Cells*. 2013;31(9):2003–2014.
33. Yao W, Lane NE. Targeted delivery of mesenchymal stem cells to bone. *Bone*. 2015;70:62–65.
34. Mohan G, Lay EYA, Berka H, et al. A novel hybrid compound LLP2A-Ale both prevented and rescued the osteoporotic phenotype in a mouse model of glucocorticoid-induced osteoporosis. *Calcif Tissue Int*. 2017;100(1): 67–79.

The authors apologize for this error.



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