




**CORRECTION** **OPEN**

Correction: mTORC1 induces plasma membrane depolarization and promotes preosteoblast senescence through regulating the sodium channel Scn1a

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During a reread of our previously published original article¹, the authors regrettably found that the representative micro-CT images of the femurs in Fig. 1a and Fig. 6k and the tibias in Fig. 2d and Fig. 3b were mistakenly pasted during images assembly. We also noticed that the '12 mo Δ Tsc1' at the right side in X axis is incorrectly labelled in Fig. 2c. The correct label should read '18 mo Δ Tsc1'.

Similarly, the '12 mo control' and '12 mo Δ Tsc1' in the second row in Fig. 2e should read '18 mo control' and '18 mo Δ Tsc1', the '12 mo control' and '12 mo Δ Raptor' in the third and fourth row in Fig. 3c should read '18 mo control' and '18 mo Δ Raptor', and the 'si +Scn1a' in Fig. 6i should read 'si-Scn1a'. To correct these mistakes, we replaced the incorrect images and labels and rearranged the panels in Fig. 1a, Fig. 2c–e, Fig. 3b, c and Fig. 6i, k. Although this correction does not affect the results and conclusion of the paper, all the authors agree to correct these errors, and feel sorry and sincerely apologize for all the inconvenience.

The original article¹ has been updated.

REFERENCE

1. Chen, A. et al. mTORC1 induces plasma membrane depolarization and promotes preosteoblast senescence by regulating the sodium channel Scn1a. *Bone Res.* **10**, 25 (2022).



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