CORRECTION

Correction: Cold exposure-induced plasma exosomes impair bone mass by inhibiting autophagy

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In this article, Fig. 8M (CT + antagomir NC group) appeared incorrectly as a duplicate of Figure 8M (CT + Vehicle group). For completeness and transparency, the old incorrect version and the corrected version of

The original article can be found online at https://doi.org/10.1186/s12951-024-02640-z.

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Figure 8 are displayed below. The original article has been corrected.



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Incorrect Fig. 8



Inhibition of miR-25-3p level alleviated CT-induced bone loss. **A** Schematic flow diagram representing mice treated with CT + vehicle, CT + antagomiR-NC, and CT + antagomiR-25-3p. n = 5 per group. **B** Representative μ CT images of trabecular (top) and cortical (bottom) bone in CT + vehicle, CT + antagomiR-NC-, and CT + antagomiR-25-3p-treated mice. Scale bars represent 500 μ m (top) and 1 mm (bottom). **C**–**I** Parameters of trabecular bone mass analysed by micro-CT: BMD, Tb. BV/TV, Tb. Th, Tb. N, Tb. Sp, Ct. Ar/Tt. Ar, Ct. Th. n = 5 per group. **J** Calcein double labelling images of the mineralized surface of mouse femora. Scale bar represents 50 μ m. **K**, **L** Parameters of bone formation MAR, BFR/BS. n = 5 per group. **M** Representative OCN-stained section. Scale bar represents 100 μ m. **N** Quantification of the number of osteoblasts (N. OBs) on the trabecular bone surface (BS) in distal femora. n = 5 per group. **Q** Mechanism of cold exposure induced bone loss. The vehicle referred to is PBS. * P < 0.05, ** P < 0.01, *** P < 0.001, **** P < 0.001

Corrected Fig. 8



Inhibition of miR-25-3p level alleviated CT-induced bone loss. **A** Schematic flow diagram representing mice treated with CT + vehicle, CT + antagomiR-NC, and CT + antagomiR-25-3p. n = 5 per group. **B** Representative μ CT images of trabecular (top) and cortical (bottom) bone in CT + vehicle, CT + antagomiR-NC-, and CT + antagomiR-25-3p-treated mice. Scale bars represent 500 μ m (top) and 1 mm (bottom). **C**-I Parameters of trabecular bone mass analysed by micro-CT: BMD, Tb. BV/TV, Tb. Th, Tb. N, Tb. Sp, Ct. Ar/Tt. Ar, Ct. Th. n = 5 per group. **J** Calcein double labelling images of the mineralized surface of mouse femora. Scale bar represents 50 μ m. **K**, **L** Parameters of bone formation MAR, BFR/BS. n = 5 per group. **M** Representative OCN-stained section. Scale bar represents 100 μ m. **N** Quantification of the number of osteoblasts (N. OBs) on the trabecular bone surface (BS) in distal femora. n = 5 per group. **Q** Mechanism of cold exposure induced bone loss. The vehicle referred to is PBS. * P < 0.01, *** P < 0.001, **** P < 0.001

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