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Erratum

Erratum to "MiRNA-10b Reciprocally Stimulates Osteogenesis and Inhibits Adipogenesis Partly through the TGF-β/SMAD2 Signaling Pathway"

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We have noticed inadvertent errors in our article published in the December 2018 issue of Aging Dis (2018 9(6):1058-1073). In Figure 3A, the images for the HA/TCP (control) and HA/TCP+lenti-NC (negative control), and in Figure 3D, the image of HA/TCP-lenti-NC for IBSP have been presented incorrectly. The Figure 4G was incorret. We have attached corrected Figure 3 and Figure 4. The errors do not change the scientific conclusions of the article. The authors apologize for the errors.

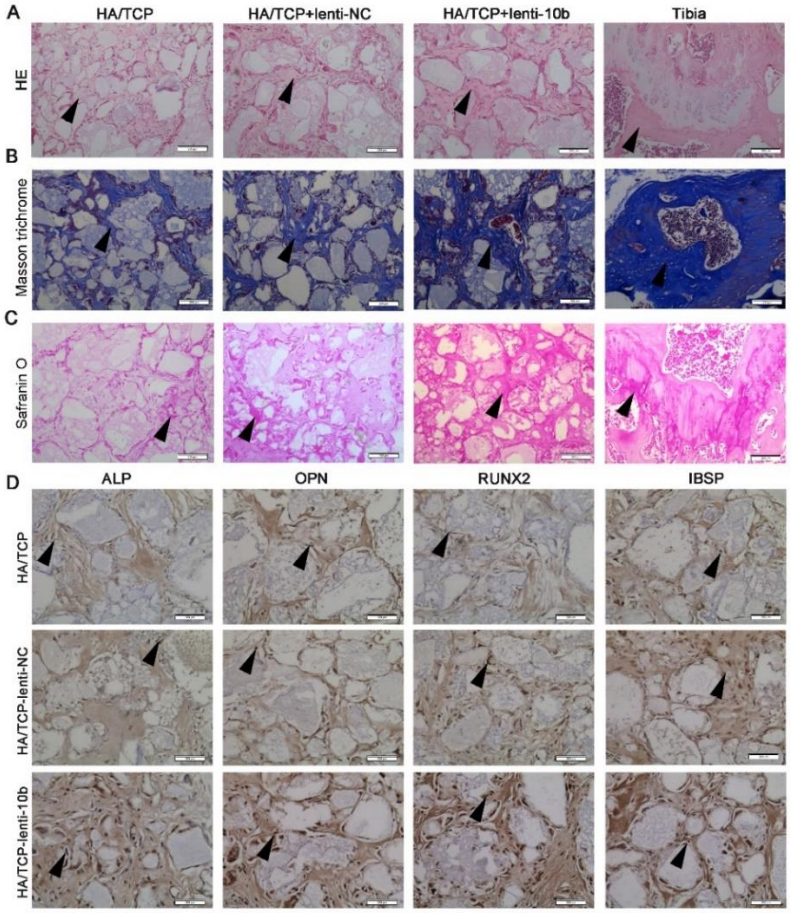

Figure 3. miR-10b promotes the ectopic bone formation of hADSCs *in vivo*. (A) H&E staining was used to analyze osteoid formation in the xenografts. **(B)** Masson trichrome staining indicated collagen. **(C)** Safranin O staining revealed cartilage formation in the xenografts. **(D)** Immunohistochemical staining showed the expression levels of osteogenic markers in the xenografts. Black arrows represent positive signals. Scale bars: 200 μm.

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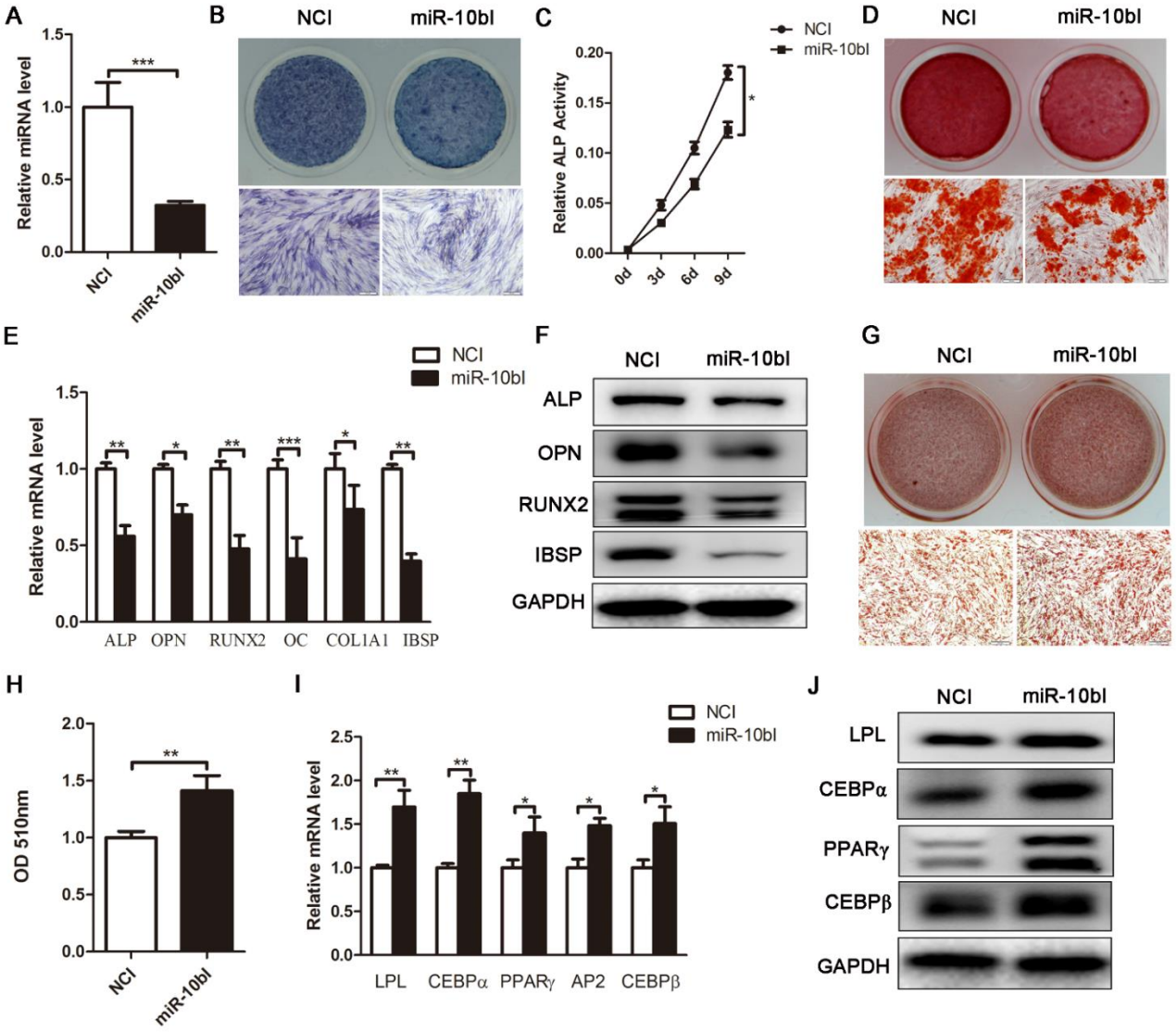

Figure 4. Downregulation of endogenous miR-10b suppresses osteogenic differentiation and enhances adipogenic differentiation. **(A)** miR-10b expression was determined by stem-loop RT-PCR. **(B** and **C)** ALP staining and ALP activity were performed after inhibiting miR-10b. **(D)** Alizarin red staining was performed on day 12. **(E** and **F)** qRT-PCR and western blot were performed to analyze the mRNA and protein levels of osteogenic-specific markers after miR-10b inhibitor transfection. **(G** and **H)** Oil red O staining and extraction were performed to detect the formation of lipid droplets on day 10 of adipogenic differentiation. **(I** and **J)** The expression of adipogenic-specific markers was analyzed by qRT-PCR and western blot. The data, normalized to GAPDH, are averages of 3 independent experiments (mean ± SD). $^{*}P<0.05$; $^{**}P<0.01$; $^{***}P<0.001$ compared with the control. Scale bars: 200 μm.