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In the original article by Chen, et al., entitled "The Protective Effect of Cordycepin On Alcohol-Induced Osteonecrosis of the Femoral Head" [Cell Physiol Biochem 2017;42(6):2391-2403, DOI: 10.1159/000480181], incorrect images were used in Fig. 1B and 2H, which happened during the composition of the figures. The correct Fig. 1 and Fig 2 are displayed below. The authors confirm that all of the results and conclusions of the article remain unchanged, as well as the figure legends.

The authors sincerely apologize for this mistake.



**Fig. 1.** Multi-lineage differentiation of hBMSCs. (A) Pellet test after 21 days of chondrogenic differentiation in hBMSCs. (B) Alizarin red staining of hBMSCs after 21-day incubation with osteogenic medium. (C) Oil red O staining showing adipogenic differentiation of hBMSCs after 21 days of incubation.

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Fig. 2. Cordycepin allevi-



ated the ethanol-induced inhibition on osteogenesis of hBMSCs. (A-B) The ALP activity of hBMSCs was measured at 7 and 14 days. hBMSCs were cultured in osteogenic medium supplemented with ethanol and/ or cordycepin as indicated. (Values are shown as the mean ± SE (N=3) \*p<0.05) (C-D) The mRNA expression of BMP2 and OCN in hBMSCs after 24 hours incubation of ethanol and/ or cordycepin. (Values are shown as the mean ± SE (N=3) \*p<0.05) (E) hBM-SCs were incubated for 72 hours. The RUNX2 level was decreased by ethanol and increased by cordycepin in hBMSCs. Proteins were immunoblotted with primary antibodies against RUNX2. β-actin served as a normalization control. (F) Proliferation of hBMSCs incubated for 1, 3, 5 and 7 days in medium supplemented with 50 mM ethanol and/ or cordycepin as indicated. Cordycepin did not impair the survival and proliferation of hBMSCs. (G) hBMSCs were incubated with 50 mM ethanol and/or 10 µg/ml of cordycepin for 72 hours in osteogenic medium. Cells were immunostained with OCN and COL1. Cell skeleton was stained with phalloidine, and cell nuclei were



stained with DAPI. (H) The ethanol-induced anti-osteogenic effect in hBMSCs was reversed by cordycepin. Cells were incubated for 21 days with osteogenic medium and stained with Alizarin red.