



CORRECTION

Correction to: Plumbagin Prevents IL-1 β -Induced Inflammatory Response in Human Osteoarthritis Chondrocytes and Prevents the Progression of Osteoarthritis in Mice

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Correction to: Inflammation

<https://doi.org/10.1007/s10753-017-0530-8>

The original version of this article contained mistakes, and the authors would like to correct them. The correct details are given below:

1. In Fig. 3c, the Western blotting pictures were used incorrectly. This is our mistake. The corrected Fig. 3c is shown in the next page.

2. In Fig. 5, the immunofluorescence results of control group were used incorrectly. The corrected Fig. 5 is shown in the next page.
3. In Fig. 6a, the Western blotting of p-IKB was used incorrectly. The corrected Fig. 6a is shown in the next page.

The authors wish to apologize for these unintentional errors.

The online version of the original article can be found at <https://doi.org/10.1007/s10753-017-0530-8>

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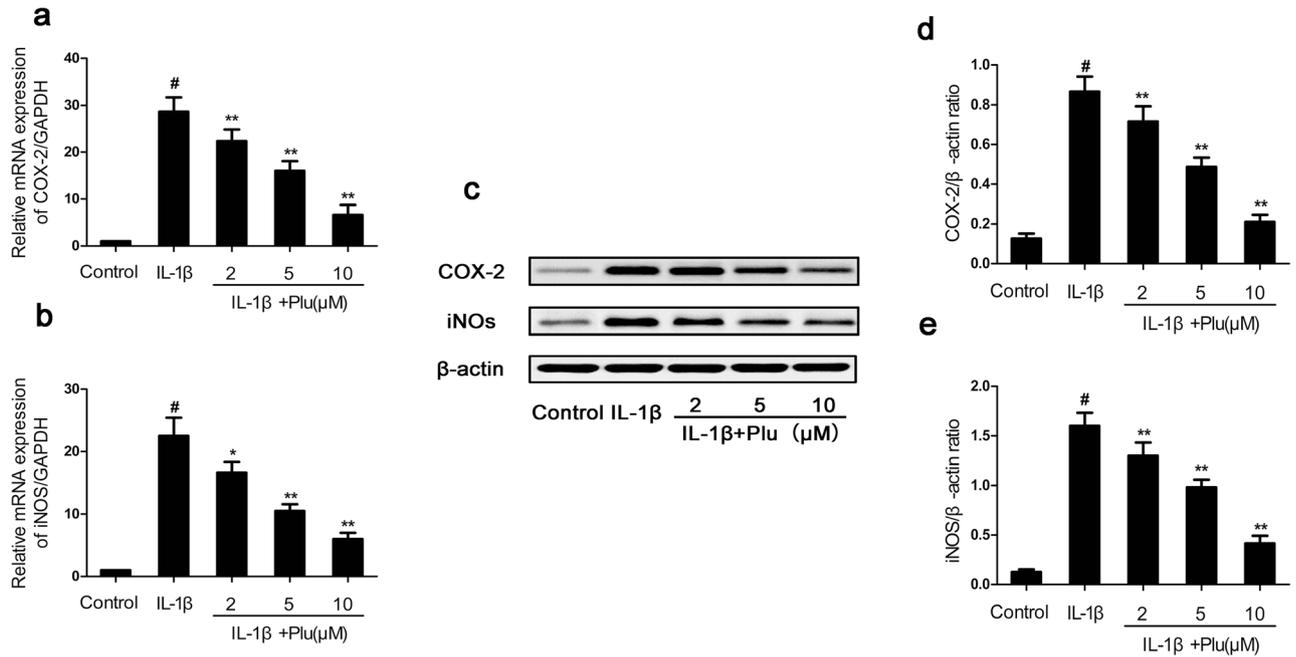


Fig. 3. Effect of plumbagin on IL-1 β -induced iNOs and COX-2 expression in human OA chondrocytes. Human OA chondrocytes were pretreated for 2 h with various concentrations of plumbagin (2, 5, 10 μ M) and then stimulated or not stimulated with IL-1 β (10 ng/ml) for 24 h. Their mRNA expression levels of COX-2 (**a**) and iNOs (**b**) were assayed by qRT-PCR. The protein expression levels of iNOs and COX-2 were determined by Western blot and quantification analysis (**c-e**). The values are mean \pm SD of three independent experiments. [#] p < 0.05 compared with the control group; ^{*} p < 0.05, ^{**} p < 0.01 compared with the IL-1 β group.

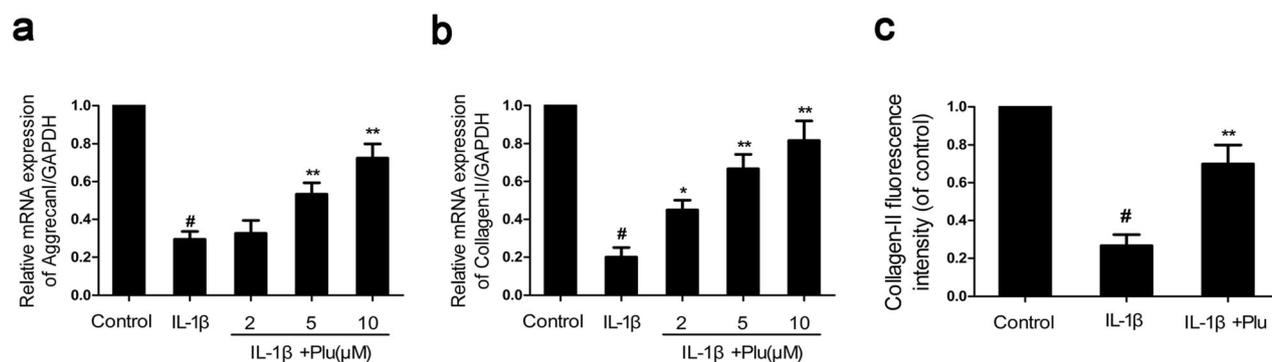
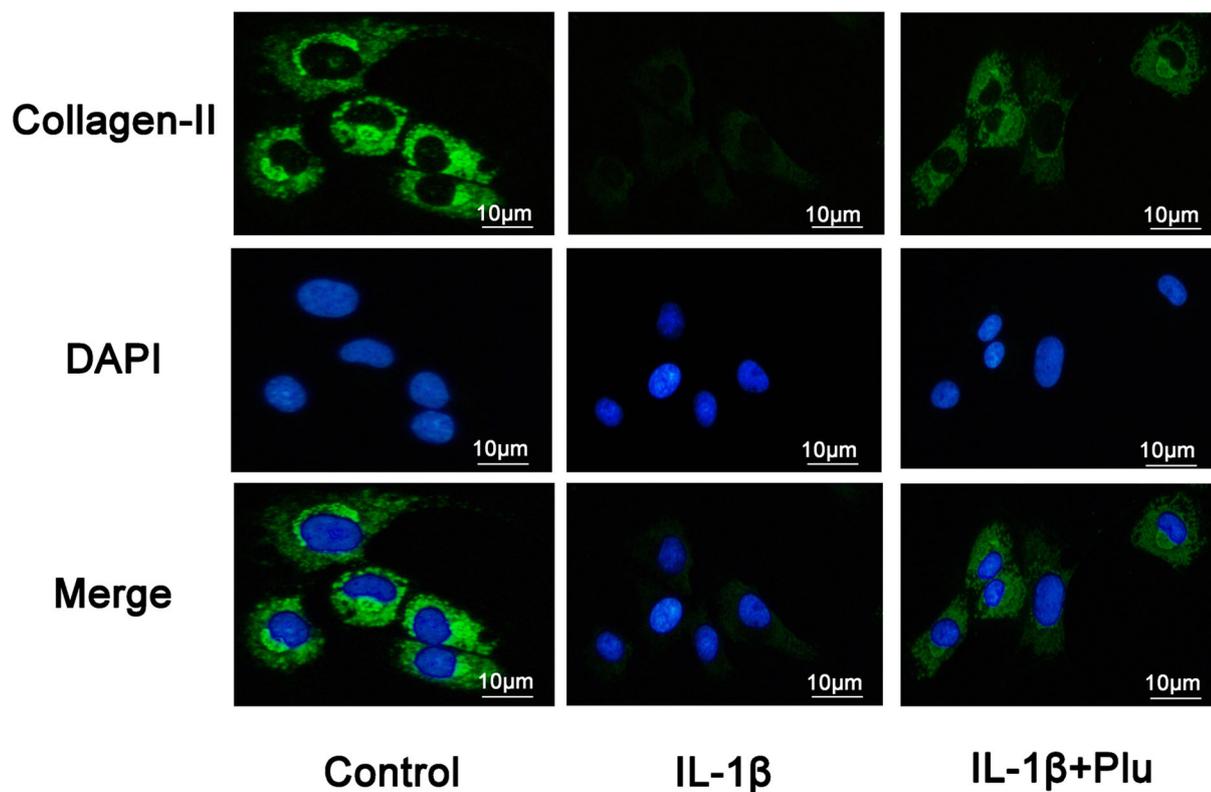


Fig. 5. Effect of plumbagin on IL-1 β -induced aggrecan and collagen-II degradation in human OA chondrocytes. Human OA chondrocytes were pretreated for 2 h with plumbagin (2, 5, 10 μ M) and then stimulated or not stimulated with IL-1 β (10 ng/ml) for 24 h. The mRNA expression levels of aggrecan (**a**) and collagen-II (**b**) were assayed by qRT-PCR. The protein expression levels of collagen-II were determined by immunofluorescence and quantification analysis (**c**). The values are mean \pm SD of three independent experiments. [#] $p < 0.05$ compared with the control group; ^{*} $p < 0.05$, ^{**} $p < 0.01$ compared with the IL-1 β group.

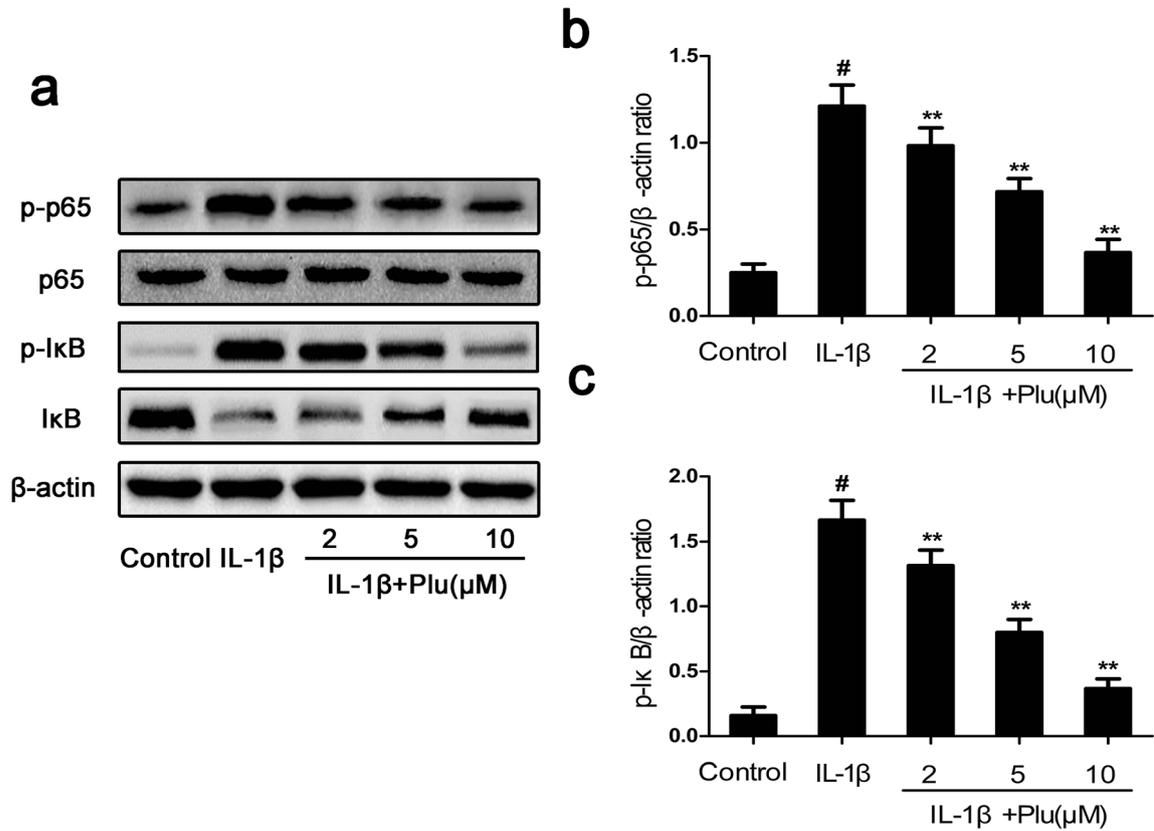


Fig. 6. Effect of plumbagin on IL-1 β -induced NF- κ B activation in human OA chondrocytes. Chondrocytes were pretreated with plumbagin (2, 5, 10 μ M) for 2 h, followed by stimulation with or without IL-1 β (10 ng/ml) for 1 h. The protein expression levels of p65, p-p65, I κ B, and p-I κ B were determined by Western blot and quantification analysis (a–c). The values are mean \pm SD of three independent experiments. [#] $p < 0.05$ compared with the control group; * $p < 0.05$, ** $p < 0.01$ compared with the IL-1 β group.