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Retraction

The article "Andrographolide Induces Autophagic Cell Death and Inhibits Invasion and Metastasis of Human Osteosarcoma Cells in An Autophagy-Dependent Manner" [Cell Physiol Biochem. 2017;44(4):1396–1410; https://doi.org/10.1159/000485536 by Ying Liu, Yan Zhang, Jilong Zou, Lixin Yan, Xiufeng Yu, Peng Lu, Xiaomeng Wu, Qiaozhi Li, Rui Gu, and Daling Zhu has been retracted by the current and former Publisher and Editor.

After publication, concerns were raised regarding the integrity of the data presented in Figure 7F of the article. Specifically, two areas within Figure 7F are the same as areas presented in Figure 1E of a previously published and now retracted article by an overlapping author group [1].

The authors were asked to comment on the concerns and to provide the underlying raw data. The authors did not respond within the given timeframe despite multiple attempts to contact them. The authors' institution was contacted and asked to investigate the concerns however so far no response has been received.

In the absence of the author's response and the underlying data needed to verify the affected results, the reliability of the findings reported in the article cannot be assured. The article is therefore being retracted.

When contacted about this retraction, co author Dr. Ying Liu agreed to the retraction. The rest of the authors did not respond within the timeframe specified.

[1] Zhang, Y, Liu, Y, Zou, J, Yan, L, Du, W, Zhang, Y, Sun, H, Lu, P, Geng, S, Gu, R, Zhang, H, & Bi, Z. Tetrahydrocurcumin induces mesenchymal-epithelial transition and suppresses angiogenesis by targeting HIF-1α and autophagy in human osteosarcoma. Oncotarget 2017 Aug 3;8(53):91134-91149