RETRACTION NOTE

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Retraction Note: Endoplasmic reticulum stress triggers Xanthoangelol-induced protective autophagy via activation of JNK/c-Jun Axis in hepatocellular carcinoma



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Retraction note to: J Exp Clin Cancer Res 38, 8 (2019) https://doi.org/10.1186/s13046-018-1012-z

The Editor-in-Chief has retracted this article [1] due to overlapping images with other articles, specifically:

- Figure 8d: the Beclin1 Vehicle and XAG (80 mg/kg) panels appear to overlap with the cleaved caspase-3 Vehicle and Exanthone (80 mg/kg/day) panels of Fig. 7c of [2].
- Figure 8d: the p-c-Jun Vehicle panel appears to overlap with the Beclin Vehicle panel of Fig. 7c of [2].
- Figure 3a: the Bel7402 XAG + 3-MA panel appears to be identical to the SMMC7721 Vehicle panel.
- Figure 3c: the Bel7402 XAG + Atg5 siRNA panel appears to be identical to the SMMC7721 Vehicle panel.
- Figure 3c: the SMMC7721 Atg5 siRNA panel appears to be similar to the SKOV3 Control and A2780 Control panels of Fig. 1e of [3], the Vehicle panel of Fig. 4b in [4] and the HT29 Control panel of Fig. 7b of [5]

The original article can be found online at https://doi.org/10.1186/s13046-018-1012-z.

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- Figure 8d: the Vehicle CHOP, GRP78 and p-JNK panels appears to be similar to the Ki-67 EX(40 mg/kg) panel, the IL-18 Vehicle panel and the IL-18 EX(20 mg/kg) panel of [6].
- Figure 8d: the XAG(40 mg/kg) CHOP panel appears to be similar to the KI-67 EX(20 mg/kg) panel of [6].
- Figure 8d: the XAG(80 mg/kg) CHOP and GRP78 panels appear to be similar to the KI-67 Vehicle and the IL-18 EX(40 mg/kg) panels of [6].

The data reported in this article are therefore unreliable.

Hui Gao agrees to this retraction. Zichao Li, Luying Zhang, Mingquan Gao, Mei Han, Kaili Liu, Zhuang Zhang, Zhi Gong, Lifei Xing, Xianzhou Shi, Kui Lunot have responded to any correspondence from the publisher about this retraction.

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