

RETRACTION NOTE

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# Retraction Note to: Inhibition of human liver cancer cell growth by evodiamine involves apoptosis and deactivation of PI3K/AKT pathway

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## Retraction to: *Appl Biol Chem* (2020) 63:67

<https://doi.org/10.1186/s13765-020-00551-9>

The Editors-in-Chief have retracted this article because of significant concerns regarding a number of the figures presented in this work. After publication, the authors contacted the journal stating that they were unable to reproduce the data shown in Fig. 6. After further investigation, additional concerns were raised, namely:

- Fig. 4b does not appear to be consistent with the conclusions of the article.
- In Fig. 5 it appears that the image shown for Control at 0 h is the same as that for 20  $\mu$ M hepg<sup>2</sup> cell line at 0 h.

The authors have not responded to requests to provide raw data for any of the experiments but have stated that none of the underlying data for all Western blots are available.

The Editor-in-Chief therefore no longer has confidence in the integrity of the data in this article.

Author Jianwei Zhang stated on behalf of all co-authors that they agree to this retraction.

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The original article can be found online at <https://doi.org/10.1186/s13765-020-00551-9>.

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