RETRACTION NOTE





Retraction Note: Melatonin attenuates the TLR4-mediated inflammatory response through MyD88- and TRIF-dependent signaling pathways in an in vivo model of ovarian cancer

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The Editors have retracted this article because of concerns regarding the figures presented in this work. These concerns call into question the article's overall scientific soundness. An investigation conducted after its publication discovered the following issues:

- Panel E in Figure 2 appears to overlap, when rotated, with Panel I in Figure 5;
- Panel F in Figure 2 appears to overlap, when rotated, with Panel H in Figure 3;

The original article can be found online at https://doi.org/10.1186/s12885-015-1032-4

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- Panel G in Figure 2 appears to overlap, when rotated, with Panel K in Figure 5;
- Panel J in Figure 2 appears to overlap with Panel B in Figure 3;
- Panels J and K in Figure 5 appear to overlap, when rotated and re-scaled, with Panels A and N in Figure 4 in [1].

The panels in question represent tissues taken from animals subject to different experimental conditions. The Editors therefore no longer have confidence in the integrity of the research presented in this article. The authors agree with this retraction.

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Reference

1. Ferreira GM, Martinez M, Camargo ICC, Domeniconi RF, Martinez FE, Chuffa LGA. Melatonin Attenuates Her-2, p38 MAPK, p-AKT, and mTOR Levels in Ovarian Carcinoma of Ethanol-Preferring Rats. J Cancer. 2014;5(9):728-35. https://doi.org/10.7150/jca.10196. https://www.jcancer. org/v05p0728.htm.



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