

Erratum to liposomal honokiol inhibits glioblastoma growth through regulating macrophage polarization

Editorial Office

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Erratum to: Ann Transl Med 2021;9:1644

This article (1) titled "Liposomal honokiol inhibits glioblastoma growth through regulating macrophage polarization" (doi: 10.21037/atm-21-1836), unfortunately contains errors in the Results section, *Figure 4* and its legend, and Figure S4. There are wrong pictures used in *Figure 4* and Figure S4. For the legend of *Figure 4*, the word "murine" should be removed. Legend to Figure S4 is correct and does not need modification.

Correction is shown below:

(I) In Lip-HNK inhibits IL-4-induced macrophage polarization to M2 part of the Results section:

The second sentence should be changed from "Lip-HNK decreased the expression of iNOS mRNA and increased Arg1 mRNA expression induced by IL-4 in a dose-dependent manner (Figure 2A)" to "Lip-HNK increased the expression of iNOS mRNA and decreased Arg1 mRNA expression induced by IL-4 in a dose-dependent manner (Figure 2A)".

(II) Corrected Figure 4 and its legend:

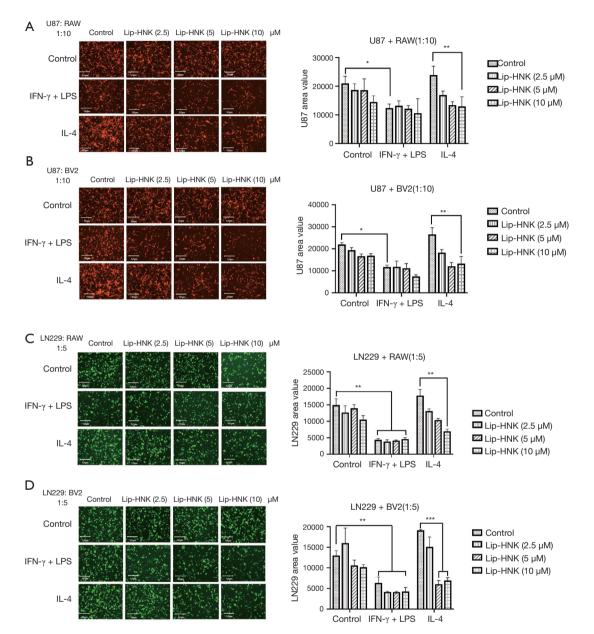
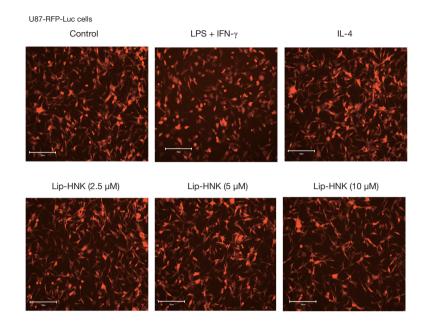


Figure 4 The impact of liposomal honokiol (Lip-HNK) on tumor cell proliferation in a co-culture environment with macrophages. Malignant tumor cells were co-cultured with either lipopolysaccharide (LPS) combined with interferon γ (IFN- γ), interleukin 4 (IL-4) alone, or in a mixture with Lip-HNK at a fixed concentration for 48 hours. Co-culture of U87-RFP-Luc glioma cells was carried out with RAW264.7 (A) or BV2 (B) cells. The morphological features of the fluorescence-labeled tumor cells were examined under fluorescence microscopy, and the bioluminescence of glioma cells was detected after incubation with 15 µg/mL luciferase for 5 min using an EnSpire Multimode Plate Reader (PerkinElmer, Inc., USA). Fluorescent area or overall photon cell counts represented the proliferation of U87-RFP-Luc cells using Image-Pro Plus software and the EnSpire Multimode Plate Reader. Co-culture of LN229-GFP glioma cells was carried out with RAW264.7 (C) or BV2 (D) cells. The growth of LN229-GFP cells was examined by the total fluorescent area of cells using Image-Pro Plus software. Three independent experiments are illustrated by the histogram bars. The data are displayed as the mean \pm standard deviation. *, P<0.05; **, P<0.01; ***, P<0.001.

(III) Corrected Figure S4:



The authors apologize for the oversight.

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References

1. Li S, Li L, Chen J, et al. Liposomal honokiol inhibits glioblastoma growth through regulating macrophage polarization. Ann Transl Med 2021;9:1644.

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