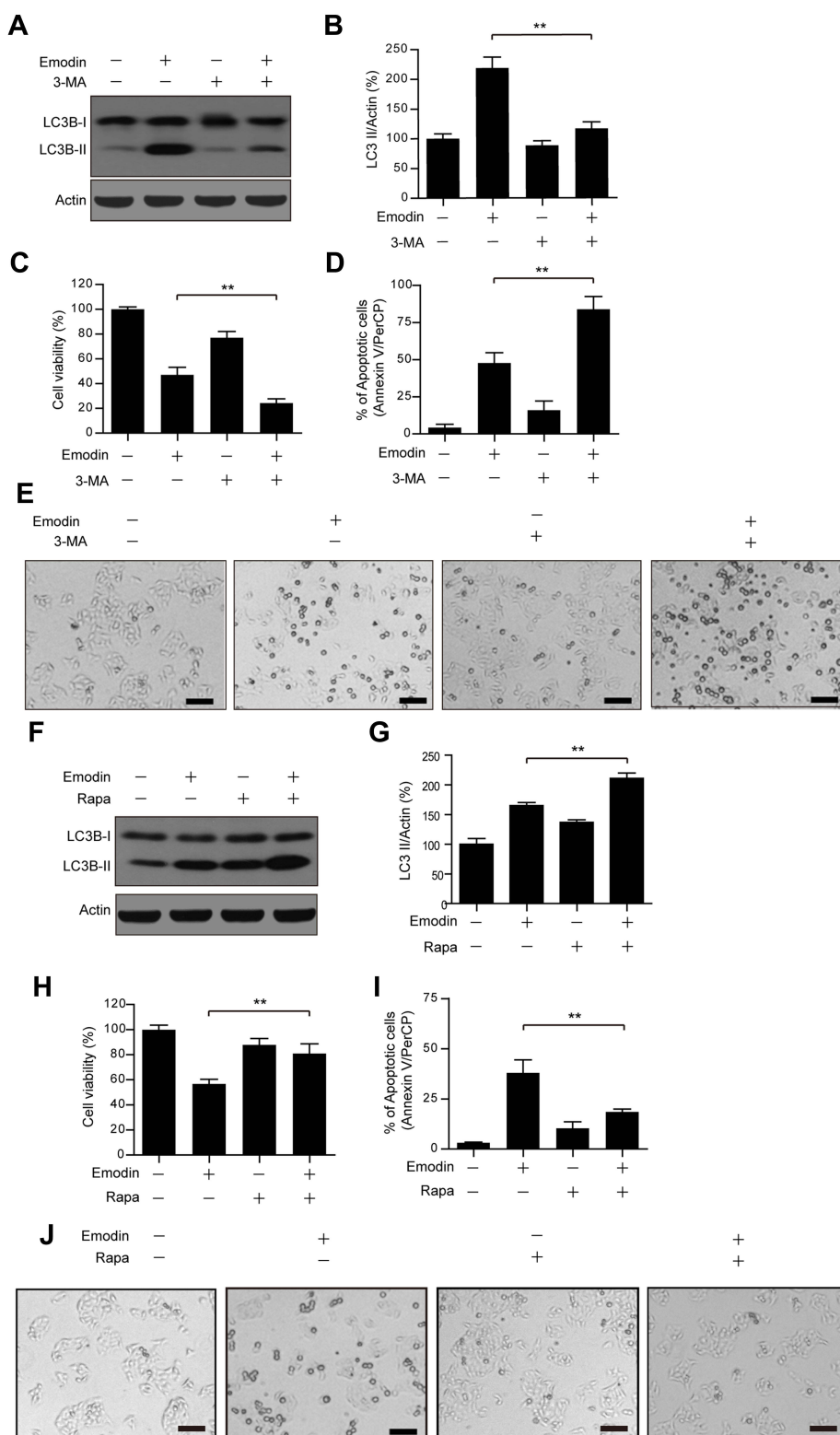


## Emodin-Induced Autophagy Against Cell Apoptosis Through the PI3K/AKT/mTOR Pathway in Human Hepatocytes [Corrigendum]

Zheng X, Yang S, Zhang R, Wang S, Li G, Zhou S. *Drug Des Devel Ther.* 2019;13:3171–3180.

The authors have advised due to an error that occurred inadvertently at the time of figure assembly, Figure 5J is incorrect. The correct Figure 5 is shown below.

The authors apologize for this error and advise since this image only displays the cell morphology and does not perform a semi-quantitative analysis, it does not affect the other results of Figure 5, nor does it affect the conclusion of the article.



**Figure 5** Emodin-induced autophagy played a protective role in L02 cells. **(A)** Cells were treated with or without emodin (40  $\mu$ M) in the absence or presence of 3-MA (5 mM) for 24 h. The expression of LC3B-I/II was analysed by Western blot. **(B)** The intensities of LC3B-II in **(A)** normalized to actin were statistically analysed and represented as the mean  $\pm$  SD for 3 independent experiments. **\*\*** $P$ <0.01. **(C)** Cell viability in **(A)** was determined by CCK-8 assay. Data are presented as the means  $\pm$  SDs for 3 independent experiments. **\*\*** $P$ <0.01. **(D)** Cell apoptosis in **(A)** was detected by flow cytometry using annexin V/PerCP staining. Data are presented as the means  $\pm$  SDs for 3 independent experiments. **(E)** Representative photos depicting the morphology of L02 cells treated in **(A)**. Scale bars: 100  $\mu$ m. **(F)** Cells were treated with or without emodin (40  $\mu$ M) in the absence or presence of rapamycin (Rapa; 100 nM) for 24 h. The expression of LC3B-I/II was analysed by Western blot. **(G)** The intensities of LC3B-II in **(F)** normalized to actin were statistically analysed and are represented as the mean  $\pm$  SD for 3 independent experiments. **\*\*** $P$ <0.01. **(H)** Cell viability in **(F)** was determined by CCK-8 assay. Data are presented as the means  $\pm$  SDs for 3 independent experiments. **\*\*** $P$ <0.01. **(I)** Cell apoptosis in **(F)** was detected by flow cytometry using annexin V/PerCP staining. Data are presented as the means  $\pm$  SDs for 3 independent experiments. **(J)** Representative photos depicting the morphology of L02 cells treated in **(F)**. Scale bars: 100  $\mu$ m.

**Drug Design, Development and Therapy**

Dovepress

**Publish your work in this journal**

Drug Design, Development and Therapy is an international, peer-reviewed open-access journal that spans the spectrum of drug design and development through to clinical applications. Clinical outcomes, patient safety, and programs for the development and effective, safe, and sustained use of medicines are a feature of the journal, which has also been accepted for indexing on PubMed Central. The manuscript management system is completely online and includes a very quick and fair peer-review system, which is all easy to use. Visit <http://www.dovepress.com/testimonials.php> to read real quotes from published authors.

Submit your manuscript here: <https://www.dovepress.com/drug-design-development-and-therapy-journal>