# Answering reviewers

Dear Editor and Reviewers:

Thank you for your letter and for the reviewers' comments concerning our manuscript entitled "***miR-30b inhibits autophagy to alleviate hepatic ischemia-reperfusion injury via decreasing the Atg12-Atg5 conjugate***" (ID: 24133). Those comments are all valuable and very helpful for revising and improving our paper, as well as the important guiding significance to our researches. We have studied comments carefully and have made correction which we hope meet with approval.

**The responds to the reviewers' comments are as flowing:**

**1. Responds to the reviewer's comment(Reviewer's code: 02440441):**

1) It is a good paper, but please change the Fig 4 FIGURE LEGENDS to miR-30b alleviate AML12 ischemia-reperfusion injury by targeting Atg12 in vitro, since 'Fig.4. miR-30b inhibits autophagy to alleviate hepatic ischemia-reperfusion injury by targeting Atg12 in vitro' only used AML12 cells in vitro.

**Response:** Thank you for the suggestion. We have changed the Fig 4 FIGURE LEGENDS to miR-30b alleviate AML12 cell ischemia-reperfusion injury by targeting Atg12 in vitro.

**2. Responds to the reviewer's comments(Reviewer's code: 00002314):**

1) Please clarify more clearly the translational value of these results (in the discussion);

**Response:** Thank you for the advice, the translational value of these results has been clarified in the discussion.

2) The English style should be revised: I noticed several typos and some sentences are difficult to understand for reasons of style;

**Response:** The manuscript has received language editing, and the English style have been revised. Meanwhile, we have corrected spelling, grammatical and syntax errors.

3) Legend to figure 4 should be revised;

**Response:** We have changed the legend to figure 4 to "miR-30b alleviate AML12 cell

ischemia-reperfusion injury by targeting Atg12 in vitro".

4) All figure legends should clearly state the number of experiments performed;

**Response:** Thank you for the suggestion. The number of experiments performed have been clearly stated in all figure legends, and every experiment was repeated three times.

5) The fact that "the study was performed according to Tianjin Medical University Institutional review board guidelines and the protocol was approved by the Institutional review board" should be included also in the main text, not only in the additional documents;

**Response:** Thank you for the advice, the fact that "the study was performed according to Tianjin Medical University Institutional review board guidelines and the protocol was approved by the Institutional review board" have been included also in the MATERIALS AND METHODS.

6) Abbreviations should be used consistently (e.g. miR - miRNA) and defined the first time that they appear in the text;

**Response:** All abbreviations have been used consistently and defined the first time that they appear in the manuscript.

7) Legend to figure 5 should guide the reader to the core tip of the paper.

**Response:** Thanks for your kindly suggestion. We have written a detailed description for Figure 5 to guide the reader to the core tip of the paper.

We tried our best to improve the manuscript and made some changes in the manuscript. These changes will not influence the content and framework of the paper. We appreciate for editors/reviewers' warm work earnestly, and hope that the correction will meet with approval. Once again, thank you very much for your comments and suggestions

Thank you and best regards.

Yours sincerely,

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