

Dear editor,

Thank you very much for your decision letter and advice on our manuscript (#40088) entitled “Potential involvement of heat shock proteins in PDX1-mediated effects on the genesis of gastric cancer: a 2D gel-based proteomic study”. We also thank the reviewers for the constructive and positive comments and suggestions. Accordingly, we have revised the manuscript. All amendments are highlighted in red in the revised manuscript. In addition, point-by-point responses to the comments are listed below this letter.

This revised manuscript has been edited and proofread by *Medjaden Bioscience Limited*.

We hope that the revision is acceptable for publication in your journal.

Look forward to hearing from you soon.

With best wishes,

Yours sincerely,

WeiHong Sha

First of all, we would like to express our sincere gratitude to the reviewers for their constructive and positive comments.

Replies to Reviewer 1

Specific Comments: First - the authors wanted to identify functional proteins involved in PDX1-mediated gastric carcinogenesis. Second - the authors used modern methods of research (the proteomics). Third - this study demonstrated the important role of HSPs in gastric carcinogenesis.

Response: Thank you very much for your positive comments.

Replies to Reviewer 2

Specific Comments

1. It could be useful to set up a table reporting the results of the Authors cited in the Discussion.

Response: Thank you for the suggestion. It may not be practical to provide a table that summarizes the results of studies cited in the Discussion. Indeed, as the present manuscript is an original article rather than a review, such a table would be rather uncalled for. We believe that the detailed description of the cited results in the present manuscript are helpful.

Replies to Reviewer 3

Specific Comments: It's a very interesting article dealing with carcinogenesis in gastric cancer. The role of heat shock protein is very well explained and provides interesting information in depth of their role in carcinogenesis.

Response: Thank you very much for your positive comment.