

Response to Reviewers' Comments

I would like to take the chance to thank the reviewers for the careful and thoughtful review of our manuscript. Based on your detailed instruction, we have revised the manuscript. Hopefully, you will find this version of manuscript acceptable for publication in *World Journal of Clinical Cases*.

Number ID: 02440910.

Very interesting study. In this study, the authors evaluated the expression level and role of miR-451 in eutopic endometrium and then predicted possible targets of miR-451 and related signaling pathways. The miR-451 expression in cultured cell lines, and pathologic tissues from 40 patients with endometriosis and 20 donors with no history of endometriosis were evaluated. Ectopic overexpression of miR-451 in eutopic cells induced apoptosis and inhibited cell proliferation were found. Overall, the study is well designed and the manuscript is well written. Results are discussed well. And limitations were listed. The figures are very clear and in detail. The figure 4 B, and C should be improved. The words are too small. Some minor language polishing should be revised.

A:>>Thank you for your careful review of our manuscript. We have improved the figures including Fig.4B and 4C to make the words bigger, and polished our article at AJE (website, <https://www.aje.com/certificate>) for English language editing again.

Number ID: 01527248.

Despite its high prevalence and incapacitating symptoms, the etiology of Endometriosis is not clear. In this study, the authors examined miR-451 expression in eutopic endometrium from women with and without Endometriosis and evaluated the role of miR-451 in cell proliferation. The study design is good. Methods are described in detail. Only the figures should be re-provided, words in the figures are too small.

A:>>Thanks a lot for your expert review. We have improved the figures including Fig.4B and 4C to make the words bigger and re-provided the figures.

Lastly, we would like to express our sincere thanks to all the reviewers for the time and valuable advices. Thank you.