

Dear reviewers,

Thanks for reviewing this manuscript and providing those great suggestions. We've revised our manuscript, which were highlighted in red in the updated version. Here are our responses to your comments:

Reviewer #1 (code: 03478635):

This study is describing about the effect of *Cycas revoluta* Thunb in gastric cancer cells. Abstract may be revised to include detailed description about mTOR inhibition by the extract in gastric cancer cells.

Response: Thank you for your suggestion! We have revised our abstract and add more descriptions in both Methods and Results.

Reviewer #2 (code: 03017792):

This is a very interesting study about extract of *Cycas revolute* Thunb. could effectively inhibit cell growth of GC, and also enhance its anti-cancer effect of 5-Fu. It maybe provide a promising strategy to treat GC in chemotherapy. The manuscript seems well-written and the study design is good. Overall, the text is clear, easy to read, and the result well highlighted. But some minor revision was needed. 1 In the part of "Cell viability and clonogenic assay", please add more description details about this assay. 2 Update references to discuss the "AKT-mTOR pathway", how to sensitize gastric cancer cells? Maybe this is your next step to study. Also, you need try to explore the real worked chemical components of extract of *Cycas revolute* Thunb. 3 Please check the P value of figures again. 4 Minor language polishing was needed.

Response 1: Thank you for your suggestion! We re-described this subsection with more information.

Response 2: Much Thanks to your advice. We have updated references about AKT-mTOR in our discussion. We are planning to study on its main components for this enhancement effect and anti-cancer effect. Maybe we can explain it further in our next paper.

Response 3: Thank you for your reminding. The P values were checked and revised in the updated version.

Response 4: The Language in our manuscript has been further polished. Thanks for your suggestion.

Sincerely,

Lei Wang

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