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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 46718

Title: Extract of Cycas revoluta Thunb. enhances inhibitory effect of 5-fluorouracil on gastric cancer cells by AKT-mTOR pathway

Reviewer's code: 03478635

Reviewer's country: Japan

Science editor: Ruo-Yu Ma

Date sent for review: 2019-02-21

Date reviewed: 2019-02-22

Review time: 1 Hour, 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection	Peer-Review: [Y] Anonymous [ ] Onymous Peer-reviewer's expertise on the topic of the manuscript: [ ] Advanced [Y] General [ ] No expertise Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

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.

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INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

[ ] The same title

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[Y] No

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 46718

Title: Extract of Cycas revoluta Thunb. enhances inhibitory effect of 5-fluorouracil on gastric cancer cells by AKT-mTOR pathway

Reviewer's code: 03017792

Reviewer's country: Japan

Science editor: Ruo-Yu Ma

Date sent for review: 2019-02-21

Date reviewed: 2019-02-26

Review time: 1 Hour, 5 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	[ ] Accept (High priority)	Peer-Review:
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] Accept (General priority)	[Y] Anonymous
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[Y] Minor revision	[ ] Onymous
[ ] Grade D: Fair	[ ] Grade D: Rejection	[ ] Major revision	Peer-reviewer's expertise on the topic of the manuscript:
[ ] Grade E: Do not publish		[ ] Rejection	[ ] Advanced
			[Y] General
			[ ] No expertise
			Conflicts-of-Interest:
			[ ] Yes
			[Y] No

SPECIFIC COMMENTS TO AUTHORS

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

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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.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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[Y] No

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[Y] No