

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 48270

Title: Raddeanin A promotes apoptosis and ameliorates 5-fluorouracil-resistance in the cholangiocarcinoma cells

Reviewer's code: 02544751

Reviewer's country: Slovakia

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-04-13 13:40

Reviewer performed review: 2019-04-18 21:20

Review time: 5 Days and 7 Hours

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

SPECIFIC COMMENTS TO AUTHORS

The structure of manuscript is in keeping with the common required criteria. The topic of the work is very actual, because cholangiocarcinoma cancer is a very aggressive malignancy with a poor prognosis. Authors investigate the effects of Raddeanin A



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

treatment on bile duct cancer. Authors' results suggested that Raddeanin A treatment caused increased apoptosis and impaired cell functions in cholangiocarcinoma cell lines via wee1-dependent mechanism and that Raddeanin A is an enhancer of 5-Fu in bile duct cancer through activating a group of the cell cycle and apoptosis pathways, such as cox-2, Bax, bcl-2, and cyclin E/D1. These findings together indicated that Raddeanin A is a potential novel therapeutic treatment for bile duct cancer. Work is clearly legible, brings summarizes new knowledge. The citations are actual and their format respect usual standards. The conclusion reflects the author's results and these can be accepted. I recommend the manuscript to be published. Kosice, 18. April 2019 MUDr. Jana Katuchova, PhD. Professor of Department of Surgery University Hospital Košice Slovakia

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 48270

Title: Raddeanin A promotes apoptosis and ameliorates 5-fluorouracil-resistance in the cholangiocarcinoma cells

Reviewer's code: 03478635

Reviewer's country: Japan

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-04-25 04:20

Reviewer performed review: 2019-05-03 04:41

Review time: 8 Days

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

SPECIFIC COMMENTS TO AUTHORS

This study demonstrates that raddeanin A induced apoptosis and the potential association with Wee1. In Figures, the labels with a, b, c, d etc. in bar graphs are not explained in Figure legend. The manuscript would be more readable if the labels are



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

explained more in detail. Please re-check the X-axis of Figure 1A so that the unit would be precise. For descriptions of protein expression in Figure 6, the concentration of 5-FU may be added in the text in Line 178-185.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No