

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 39571

Title: Drug resistance and new therapies in colorectal cancer

Reviewer's code: 01714224

Reviewer's country: Italy

Science editor: Xue-Jiao Wang

Date sent for review: 2018-05-02

Date reviewed: 2018-05-04

Review time: 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input checked="" type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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 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

The paper by Van der Jeught et colleagues entitled "Drug resistance and new therapies in colorectal cancer" reviews current data on chemotherapy for CRC, focusing attention on resistance mechanisms and molecules, such as α -amanitin, possibly overcoming this problem. The review is interesting and well written, with high quality figures, literature



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updated. Only minor criticism is the presence of multiple typewriting mistakes in the text to be corrected.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

- ☐ The same title
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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 39571

Title: Drug resistance and new therapies in colorectal cancer

Reviewer's code: 00044333

Reviewer's country: South Korea

Science editor: Xue-Jiao Wang

Date sent for review: 2018-04-27

Date reviewed: 2018-05-07

Review time: 9 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors presented the mechanisms of drug resistance and new therapies in colorectal cancer, especially, in the aspects of drug metabolism, tumor microenvironment, and immunotherapy. The manuscript include many detailed contents with a lot of clinical and basic evidence, and was well organized. Because one of main



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issues in chemoresistance is cancer stem cell theory, adding the content of cancer stem cell would improve your manuscript.

INITIAL REVIEW OF THE MANUSCRIPT

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BPG Search:

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 39571

Title: Drug resistance and new therapies in colorectal cancer

Reviewer's code: 02505493

Reviewer's country: Greece

Science editor: Xue-Jiao Wang

Date sent for review: 2018-05-02

Date reviewed: 2018-05-07

Review time: 4 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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 review focuses to the drug resistance in colorectal cancer, evaluates major resistant mechanisms and discuss new therapeutic approaches, highlighting new developments with clinical potentials. The field is very interesting, and the review gives substantial information to the reader. However, there are several points requiring clarification



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and/or correction. Major point Tables should be introduced in sections “Hurdles and New Avenues for Targeted Therapy”, “The Tumor Microenvironment, Microbe Biofilm, and their Contribution to Drug Resistance and Tumorigenesis” and “Immunotherapy development” to highlight in brief the various findings with the respective refs. Minor points 1. In a lot of cases (about one hundred) there is no space between adjacent words (see, for example, page 3, lines 22, 25, 26, 27). 2. Page 3, line 20: Replace the word “focusses” with either “points of focus” or “foci”. 3. Page 9, line 12: Replace “remaining” with “remains”. 4. Page 14, line 12: Replace “currently” with “currently”.

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 39571

Title: Drug resistance and new therapies in colorectal cancer

Reviewer's code: 00503442

Reviewer's country: Italy

Science editor: Xue-Jiao Wang

Date sent for review: 2018-04-27

Date reviewed: 2018-05-09

Review time: 12 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

I read with great interest the manuscript entitled " Drug resistance and new therapies in colorectal cancer" by Kevin Van der Jeught et al. The manuscript is excellent, timely and very well written. It is quite appropriate and well written. I am not able to see Figure 1 but all the images well describe the field. I have no amendments to required to the



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Authors.

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