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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
Manuscript NO: 37351
Title: The narrow line between benefit and harm: additivity of hyperthermia to cisplatin cytotoxicity in different gastrointestinal cancer cells
Reviewer's code: 00058401
Reviewer's country: Brazil
Science editor: Ze-Mao Gong
Date sent for review: 2017-12-12
Date reviewed: 2017-12-22
Review time: 9 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

We made crtitics in relation to lack of informatios about the primary tumor and the used vahycle

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
Manuscript NO: 37351
Title: The narrow line between benefit and harm: additivity of hyperthermia to cisplatin cytotoxicity in different gastrointestinal cancer cells
Reviewer's code: 02444931
Reviewer's country: China
Science editor: Ze-Mao Gong
Date sent for review: 2017-12-12
Date reviewed: 2017-12-23
Review time: 11 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[Y] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

1、In this article, the apoptosis , toxicity and intracellular concentration of cisplatin on cells is analyzed to study peritoneal invasion of gastrointestinal tumor cells responsing to cisplatin and high temperature. The study selected one of the three tumor cell lines, including gastric cancer, colon cancer and pancreatic cancer. Given the reliability of the findings, each of the 2~3 additional cell lines could be added to each kind of tumor. 2、In the intraperitoneal hyperthermic chemotherapy, the liver cancer cells could be with strong lethality with high concentration of chemotherapy drugs through the portal vein into the liver, but the article does not involve the corresponding description of researches about liver cancer and liver cell lines, which would be need for the corresponding description and research. 3、Intraperitoneal hyperthermic chemotherapy is a standard treatment for the peritoneal gastrointestinal cancer as we all know. The

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study on this basis to explore the optimal temperature and obtain the best therapeutic effect has a certain clinical significance. However, the results of in vitro experiments often do not necessarily coincide with the situation in vivo because of their limitations. Therefore, it is more meaningful for the conclusion of the study to increase the in vivo tests. 4、Figure 1 is too simple to describe about design of the whole experiment. 5、In Figure 2, the T3M4 group is not marked with an asterisk on the chart to see if it is statistically significant. 6、English expression may not be appropriate considering grammatical errors and single and plural usage errors. For example, the second sentence of paragraph 1 in Page 10 "AGS cells were the most sensitive to hyperthermia"should be changed to " AGS cells were the most sensitive one to hyperthermia ".