



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 41441

Title: Overexpression of G protein-coupled receptor 31 as a poor prognosticator in human colorectal cancer

Reviewer's code: 00067544

Reviewer's country: Germany

Science editor: Ruo-Yu Ma

Date sent for review: 2018-08-15

Date reviewed: 2018-08-15

Review time: 6 Hours

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 Grade E: Do not publish	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

SPECIFIC COMMENTS TO AUTHORS

What is the difference between the trainig group and the validation cohort from the point of view of the methodology ? Why are the results of trainig presented at all? How reliable are they? What time does the training take?



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- No



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 41441

Title: Overexpression of G protein-coupled receptor 31 as a poor prognosticator in human colorectal cancer

Reviewer's code: 00503405

Reviewer's country: Hungary

Science editor: Ruo-Yu Ma

Date sent for review: 2018-08-15

Date reviewed: 2018-08-21

Review time: 5 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 checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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 checked="" 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

In the original article of Yu-Ming Rong et al. the authors examined the expression of GPR31 in tissue microarray made of CRC tissue samples by immunohistochemistry. They found significant differences in the number of patients in pM classification



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between low and high expression groups. They found five-year survival and tumor-free survival rates of patients in the low expression group to be higher than in the high expression group. They identified GPR31 expression as an independent predictive factor of CRC patient survival. The study is well designed and well presented. However, some points need revision: - GPR31 and related signaling pathways are included in tumor proliferation/apoptosis and invasion. What can be the explanation that GPR31 expression showed no significant correlation with any of the histological characteristics (such as differentiation, grading) of the tumor samples? - Are there any Western blot data of GPR31 expression in the observed CRC samples? Does it correlate to the IHC data? - Was any detectable GPR31 expression in the blood samples of CRC patients? If yes, what was the source of it? - The authors wrote in the discussion: "Results of the present study showed that GPR31 expression in colorectal cancer tissue was significantly higher than in normal mucosa and that GPR31 expression levels are closely related to distant metastasis of tumors, which are consistent with findings reported in previous studies." Please, indicate the references. After major revision I suggest to accept the manuscript for publication.

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