

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 52238

Title: Increased KIF21B expression is a potential prognostic biomarker in hepatocellular carcinoma

Reviewer's code: 02936084

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's country: Egypt

Author's country: China

Reviewer chosen by: Artificial Intelligence Technique

Reviewer accepted review: 2019-10-29 18:21

Reviewer performed review: 2019-11-03 20:49

Review time: 5 Days and 2 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 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

Dear colleagues Hallo, I hope you are fine. Manuscript titled " Increased KIF21B expression is a potential prognostic biomarker in hepatocellular carcinoma " by Zhao et al. - The authors have reported the explore the role of KIF21B in hepatocellular carcinoma and its effect on prognosis after hepatectomy. -The idea is very good. The study is well-designed. The manuscript was well, concisely and coherently organized but I want to clarify some points. 1-Evaluation of immunohistochemical staining of KIF21B : -You do not explain how you divide the cases into low or high expression. -You do not even mention if the staining is nuclear or cytoplasmic. -You depend only on percentage of positive cells. What about the intensity of staining? . Is the intensity of staining is the same in all the slides? -Also, Expression of KIF21B was independently evaluated by two technicians. In your lab, the slides are evaluated by technicians not pathologists???? 2-Figure 2 A: -you write (The expression levels of KIF21B protein in short hairpin (sh) RNA shKIF21B-treated group of cells were significantly decreased compared to that of the shCtrl-treated group). Actually I do not find any difference in the fluorescence images. Can you explain how you interpret this result?. -Please, what you mean by GAPDH in the same figure? - I recommend to accept this article after this minor correction. .

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:



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

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 52238

Title: Increased KIF21B expression is a potential prognostic biomarker in hepatocellular carcinoma

Reviewer's code: 00503536

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's country: Japan

Author's country: China

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2019-11-04 10:12

Reviewer performed review: 2019-11-10 00:38

Review time: 5 Days and 14 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 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

The manuscript written by Zhao H. et al. examined the expression of KIF21B in HCC cell lines and HCC tissues, and analyzed the clinical significance of KIF21B in the prognosis of HCC patients. The authors report that expression of KIF21B is significantly high in HCC cell lines and HCC tissues. KIF21B knockdown by transfection of shKIF21B caused cell growth inhibition and induced apoptosis. Importantly, prognosis of HCC patients after hepatectomy was associated with the expression level of KIF21B in HCC tissues. The analyses are well done and the data are important. Minor point 1. In Fig 2A, expression of KIF21B analyzed by immunofluorescence in cells transfected with shCtrl and shKIF21B seems similar. Is it the constant result? If so, the data is inconsistent with the data on mRNA levels.

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BPG Search:

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- ☐ Plagiarism
- ☒ No