

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 46418

**Title:** Update on hepatocellular carcinoma: Pathologists' review

**Reviewer's code:** 04091933

**Reviewer's country:** Russia

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-02-14 20:29

**Reviewer performed review:** 2019-02-21 14:02

**Review time:** 6 Days and 17 Hours

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

The topic of the article is very relevant. The authors presented a well-structured manuscript that illuminates the main updates of the pathologic sub-classification of HCC, diagnostic and prognostic role of biomarkers, as well as describing the histopathology of the main subtypes of HCC. References are very relevant. The

manuscript can certainly be published, but from my point of view, a minor revision is desirable. It might be worthwhile to discuss briefly the informativity and potential usefulness of some another diagnostic and/or prognostic markers as annexin A2, various glycoproteins (multifucosylated  $\alpha$ -1-acid glycoprotein,  $\alpha$ -1-antitrypsin - SERPINA1, etc.), osteopontin, Golgi protein-73 (GP73), survivin, vascular endothelial growth factor (VEGF), angiopoietin 2. Some of them were already recommended, for example by EASL. In addition, it is desirable to reflect, at least briefly, new approaches to stratify HCC patients using comprehensive molecular evaluation of HCC by multi-platform analysis, e.g. transcriptomics data, genome-scale metabolic networks and network topology/controllability analysis. As examples, please see articles by Bidkhor G. et al., 2018 (doi: 10.1073/pnas.1807305115) and Shimada S. et al., 2018 (doi: 10.1016/j.ebiom.2018.12.058).

#### **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:** 46418

**Title:** Update on hepatocellular carcinoma: Pathologists' review

**Reviewer's code:** 02929648

**Reviewer's country:** China

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-02-25 00:24

**Reviewer performed review:** 2019-02-25 00:48

**Review time:** 1 Hour

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 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

Good paper.

### INITIAL REVIEW OF THE MANUSCRIPT

*Google Search:*



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## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 46418

**Title:** Update on hepatocellular carcinoma: Pathologists' review

**Reviewer's code:** 03646639

**Reviewer's country:** Japan

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-02-24 14:24

**Reviewer performed review:** 2019-02-26 00:39

**Review time:** 1 Day and 10 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 checked="" 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
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		<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 on advances and updates in the pathology related HCC. Only minor problems exist and deserve exact efforts before the work could be accepted.

### INITIAL REVIEW OF THE MANUSCRIPT



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