

## PEER-REVIEW REPORT

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

**Manuscript NO:** 40578

**Title:** Dimensions of hepatocellular carcinoma phenotypic diversity

**Reviewer's code:** 02444854

**Reviewer's country:** Germany

**Science editor:** Ruo-Yu Ma

**Date sent for review:** 2018-07-16

**Date reviewed:** 2018-07-19

**Review time:** 3 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 Review article „The dimensions of Hepatocellular Carcinoma Phenotypic Diversity“ by Desert, Nieto and Musso gives an excellent overview on recent large-scale transcriptomic and metabolic analyses of human HCC. All authors are proven experts in this field and have contributed own studies on this topic. Overall, the article is very well



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written and extensively summarizes our current knowledge on the different HCC expression profiles and its diversity. It is important to note that this review almost exclusively references the most important studies published in the top journals of the field. Thus this review will be a very good source of information for clinical and basic scientists involved in HCC research.

#### **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:** 40578

**Title:** Dimensions of hepatocellular carcinoma phenotypic diversity

**Reviewer's code:** 00068723

**Reviewer's country:** Japan

**Science editor:** Ruo-Yu Ma

**Date sent for review:** 2018-07-23

**Date reviewed:** 2018-07-24

**Review time:** 21 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	(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 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 authors reviewed classification of hepatocellular carcinoma (HCC). There were several classifications based on from clinical features to molecular ones. This manuscript provided information on characters of HCC different from normal hepatocytes, such as Warburg effect. Aim was not clear. Merits of classification was not clear. It would be



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better to discuss the rationale of presented classifications, such as useful to predict prognosis, determine treatment strategy. Figures were well organized, and helped understanding of this manuscript.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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- ☒ No

##### ***BPG Search:***

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No