

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Hepatology

**ESPS manuscript NO:** 28415

**Title:** Disease Monitoring of Hepatocellular Carcinoma through Metabolomics

**Reviewer's code:** 02959534

**Reviewer's country:** China

**Science editor:** Yuan Qi

**Date sent for review:** 2016-06-30 15:49

**Date reviewed:** 2016-07-21 20:31

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

This manuscript reviewed the major pathways of hepatocarcinogenesis and accurate diagnostic metabolomic biomarkers of hepatocellular carcinoma (HCC) identified by contemporary HCC metabolomics studies and remarked on the method design of the mentioned literatures. Distinguishment between HCC and cirrhosis was highlighted and some new suggestions on metabolomics study in HCC were also put forward. There was some novelty involved in this review submission, but some parts of this manuscript might be modified. 1. The abbreviations used in this manuscript would make readers confused. Some abbreviations appeared without definition, some were defined twice and some were not defined when they were first mentioned, such as ROS, GSH, GGT and SPHK. 2. "GGT is an enzymatic signature of liver disease and a marker routinely used in the clinic to assess the severity of liver dysfunction." This sentence was repeated twice in the manuscript. 3. Some other small mistakes: (1) "Their implementation in in drug discovery divisions of pharmaceutical giants underscores their important role in the lead target generation realm." There are two "in"s here. (2) Table 1A, no table header.