

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 18092

**Title:** New blood markers detection technology: A leap in the diagnosis of gastric cancer

**Reviewer's code:** 03017864

**Reviewer's country:** Norway

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2015-04-07 14:36

**Date reviewed:** 2015-08-25 18:20

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 checked="" 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 checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	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

To authors: In the manuscript titled "New blood markers detection technology: a leap in the diagnosis of gastric cancer" by Beeharry et al presented a review on the identification of serum (blood) markers for the early detection, diagnosis and prognosis of gastric cancer. The manuscript is well written and presented the data up to date. These are few comments to improve the manuscript. 1) In the introduction authors may consider citing and discussing the previously published review articles on the same topic. For instance, review by Jayavelu et al. "Metabolomic studies of human gastric cancer: review" etc. 2) It is a good practise to provide full forms rather only abbreviations. For instance, see page 5 "proteomic techniques, such as SELDI and HCLP,....." 3) It may be a good idea to present the identified biomarkers in the Table format to provide the readers a quick view. 4) A figure would be beneficial to the readers from other fields, briefly explaining the principles behind the serum proteomics to identify the biomarkers for gastric cancer.

## ESPS PEER-REVIEW REPORT

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

**ESPS manuscript NO:** 18092

**Title:** New blood markers detection technology: A leap in the diagnosis of gastric cancer

**Reviewer's code:** 00068458

**Reviewer's country:** South Korea

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2015-04-07 14:36

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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 type="checkbox"/> Grade B: Very good	<input 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"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

## COMMENTS TO AUTHORS

The authors have reviewed good studies for "New blood markers detection technology: a leap in the diagnosis of gastric cancer" and have submitted a well-written manuscript. - comment; 1. In "Introduction" section, gastric cancer is one of most common cancers in the world, with 1,000,000 new cases diagnosed in 2012. The authors should correct the 100 new million cases to about 1 million new cases. 2. Gene names in the manuscript must be italic. 3. In page 7, 2nd paragraph, 2nd line, the "makers" must be "marker". 4. In page 11, 2nd paragraph, the similar and specific alterations found in DNA from both tumor tissue and cfDNA..... These tumor-specific changes of cfDNA included changes in size, oncogene and tumor suppressor gene mutations, microsatellite alterations and hyper-methylation of several genes. What is the meaning of the size?