

ESPS Peer-review Report

Name of Journal: World Journal of Medical Genetics

ESPS Manuscript NO: 8339

Title: Molecular Genetics of Gastric Adenocarcinoma in Clinical Practice.

Reviewer code: 02861777

Science editor: Huan-Huan Zhai

Date sent for review: 2013-12-26 12:01

Date reviewed: 2013-12-27 21:21

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input checked="" type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

Comment to Molecular Genetics of Gastric Adenocarcinoma in Clinical Practice Excellent , clear and thorough review. I have just a suggestion: as the group of Carneiro has written many reports about Hereditary diffuse-type gastric cancer syndrome (HDGC), maibe I would suggest to incorporate in your references some of their articles

ESPS Peer-review Report

Name of Journal: World Journal of Medical Genetics

ESPS Manuscript NO: 8339

Title: Molecular Genetics of Gastric Adenocarcinoma in Clinical Practice.

Reviewer code: 01172504

Science editor: Huan-Huan Zhai

Date sent for review: 2013-12-26 12:01

Date reviewed: 2014-03-05 22:45

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Y] Accept
<input type="checkbox"/> Y] Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

The review from Margaret Cho, Ogechukwu Eze and Ruliang Xu summarizes concisely current knowledge on molecular genetics of gastric cancer. The manuscript tries to correlate the new discovery of molecular pathogenesis with clinical practice, and sounds interesting for the readers of WJMG. Specific points Abstract: Line 6-7: *H. pylori* should be replaced with *Helicobacter pylori*. Line 9: (MSI) should be added after "microsatellite instability" Line 10: replace "LHO" with: "loss of heterozygosity (LHO)" and remove (.) after (.) Line 11: *H. pylori* should be in italic (change in all the text) Line 18-19: add 5-fluorouracil (5-Flu) Line 20: human epidermal growth factor receptor 2 (HER-2) Line 22: replace "P13k/Akt/mTor" with "PI3K/Akt/mTOR" (change in all the text) Introduction: Second paragraph: replace "WHO classification" with "World Health Organization (WHO) classification" Genetic predisposition of GC Lines 12-13: add the names to the acronyms HNPCC and FAP Molecular pathogenesis of intestinal cell type of GC Line 4: replace "also be shown" with "also been shown" Line 6: add the names to the acronyms *vacA*, *babA2*, *oipA* and *CagA*. End of the 3rd paragraph: replace "TFPI2" with "The gene encoding serine proteases inhibitor TFPI2 (Tissue Factor Pathway Inhibitor 2)" 4th paragraph: add the name to APC acronym. 5th paragraph: ref 58 is not appropriate and references on the amplification of cyclin D and E are missing. Replace "The oncogene product ErbB2 (Her-2/neu) is amplified" with "The oncogene ErbB2 (Her-2/neu) is amplified". Check the font of gene acronyms since some time they are in italic some time not: for instance in the paragraph Molecular Diagnosis of GC: line 3: "CDH1 mutation"; line 6: "CDH1 mutations" and so on. Molecular prognostication Second paragraph: add the names to the acronyms MSH-L/MSS 3rd paragraph line 9: "beta catenin" or "β-catenin" check in the text. Lines



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12-15 "...negative the transmembrane protein...." ? Molecular targeted therapy Last paragraph: add the name to HDAC acronym. MicroRNA as therapeutic targets Lines 8 and 9: the sentence "Upregulated miRNAs act as oncogenes.....while down-regulated miRNAs act as tumor suppressor" should be replaced by "Upregulated miRNAs might act as oncogenes.....while down-regulated miRNAs might act as tumor suppressor" Second paragraph line 7: the sentence "However, limitations exist as miRNA expression levels may vary" should be replaced with "However, limitations exist as several factors beside methylation can affect miRNA expression levels". The successive sentence "As reported....and thricostatin A" should be rephrased as something is missing.

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ESPS Manuscript NO: 8339

Title: Molecular Genetics of Gastric Adenocarcinoma in Clinical Practice.

Reviewer code: 00504743

Science editor: Huan-Huan Zhai

Date sent for review: 2013-12-26 12:01

Date reviewed: 2014-03-08 00:33

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input checked="" type="checkbox"/> Grade A (Excellent)	<input checked="" 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"/> Existed	<input type="checkbox"/> High priority for publication
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COMMENTS TO AUTHORS

Authors have presented nice overview of molecular genetics of gastric carcinoma. This review article should interest a large number of researchers working in the field of cancer. I've a few suggestions that authors need to pay attention to improve the quality of the manuscript. 1. There are minor spelling/grammer mistakes at several places that authors need to check. 2. Authors need to add future perspectives section.