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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 11901

Title: Alternative splicing of DNA damage response genes and gastrointestinal cancers

Reviewer code: 02537779

Science editor: Su-Xin Gou

Date sent for review: 2014-06-11 15:38

Date reviewed: 2014-06-13 16:15

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" 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	BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

Current manuscript intends to focus on the relationship among alternative splicing, DNA damage and gastrointestinal cancers. The authors reviewed materials from almost 90 papers. The review might be helpful to those with closely related research interest. However, the structure of this review needs to be adjusted. Specific comments: 1)In the first part: 'Disturbed alternative splicing in human diseases', the authors intend to state the occurrence of alternative splicing variants of splicing factors associated with cancers. More examples should be supplied to clarify this idea. On the contrary, less needs be said about 'mutations affect splicing' at the beginning of this part. 2)The 2rd and 4th part needs to be exchanged, as the title of this review is 'Alternative splicing of DNA damage response genes and gastrointestinal cancers'. The part 'Aberrant splicing of DNA damage-repair genes causes gastrointestinal cancers' needs to be in front of the one 'A variety of alternative spliced genes that relates to gastrointestinal cancers', and I suggest the title of the latter be changed into 'Other alternative spliced genes that relates to gastrointestinal cancers'. 3)The 3rd part 'Impaired DNA damage response induces genetic instability' needs to be integrated into other parts.

ESPS PEER REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 11901

Title: Alternative splicing of DNA damage response genes and gastrointestinal cancers

Reviewer code: 02730494

Science editor: Su-Xin Gou

Date sent for review: 2014-06-11 15:38

Date reviewed: 2014-06-29 20:49

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input 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"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" 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	BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

We now know that cancer is a disease of the genome and we starting to understand the molecular mechanisms that drive the transformation of normal cells into malignant cells. The most upregulated groups of genes in carcinogenesis are oxidative stress response and DNA damage response genes. Alternative splicing increases the biodiversity of proteins so plenty of protein isoforms can be encoded by the genome. "Alternative splicing of DNA damage response genes aand gastrointestinal cancer" by Rahmutulla et al is a good review written on the basis almost 90 articles. It should be published but it needs minor revision. 1. I think that a part describing the role of the alternative splicing for the cancer metastases should be added 2. In the part "Disturbed alternative splicing in human diseasea", page 4 there is double "of".