

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53110

Title: The landscape of BRI Y molecular lesions in gastrointestinal cancers from published genomic studies

Reviewer's code: 00503623

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's country: United States

Author's country: Canada

Manuscript submission date: 2019-12-06

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2020-02-04 16:24

Reviewer performed review: 2020-02-04 17:13

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input checked="" type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" 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 checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This manuscript provides the review of our current knowledge as to the role of BRIP1 expression in gastrointestinal cancer. Based on the published genomic data, the conclusion is that the higher BRIP1mRNA expression is associated with the improved OS as compared with lower BRIP1mRNA expression in gastric cancer. These findings suggest that cancers with up-regulated BRIP1 may have a less aggressive course due to a better ability to repair DNA lesions. Hence, the combination therapies with immune checkpoint inhibitors and PARP inhibitors offer an interesting avenues requiring further exploration.

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: 53110

Title: The landscape of BRI Y molecular lesions in gastrointestinal cancers from published genomic studies

Reviewer's code: 00051373

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer's country: Taiwan

Author's country: Canada

Manuscript submission date: 2019-12-06

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2020-02-03 14:53

Reviewer performed review: 2020-02-07 14:32

Review time: 3 Days and 23 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" 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 checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

This manuscript is well preparation and written with more innovation.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- ☐ Plagiarism
- ☒ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☒ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53110

Title: The landscape of BRI Y molecular lesions in gastrointestinal cancers from published genomic studies

Reviewer's code: 00182114

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor, Surgeon

Reviewer's country: Japan

Author's country: Canada

Manuscript submission date: 2019-12-06

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2020-02-08 07:35

Reviewer performed review: 2020-02-09 08:02

Review time: 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 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

This is very interesting paper. I ask some questions. 1. Previous studies of esophageal squamous cell carcinoma have shown a high frequency of allelic loss on chromosome 13q, infrequent somatic mutations in BRCA2, and a suggested association between a positive family history (FH +) of upper gastrointestinal cancer and germline BRCA2 mutation. Please tell me about BRIP1 in esophageal squamous cell carcinoma with family history ,and without family history. 2. In page 8, author write that “increased expression of BRIP1 mRNA was associated with improved survival in patients with gastric carcinomas compared with patients whose cancers expressed lower BRIP1”. Please tell the criteria of increased expression of BRIP1 and lower expression of BRIP1. Moreover, please tell me the relationship between BRIP1 and TNM.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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- ☐ Plagiarism
- ☐ No

BPG Search:

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- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53110

Title: The landscape of BRI Y molecular lesions in gastrointestinal cancers from published genomic studies

Reviewer's code: 00058381

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer's country: Austria

Author's country: Canada

Manuscript submission date: 2019-12-06

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2020-02-09 10:38

Reviewer performed review: 2020-02-09 12:43

Review time: 2 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 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

Major comment: This manuscript deals with BRIP1 (FANCD1) molecular lesions in gastrointestinal cancers and also provides future research perspectives. Specific comments: "Introduction", first paragraph, and "Discussion", first paragraph: "quadraplex" -> quadruplex. "Results", penultimate paragraph: "aneuploidy scores in BRIP1 amplified GI tumors was variable" -> aneuploidy scores in BRIP1 amplified GI tumors were variable. "Discussion", second paragraph: "Main findings include the low frequency of BRIP1 defects in GI cancers and a significance association of BRIP1 mutations with defects of MSI/ polymerase ϵ and $\delta 1$ genes and the mutator phenotype" - do you mean "a significant association of BRIP1 mutations with defects of MSI/ polymerase ϵ and $\delta 1$ genes and the mutator phenotype"? Figure legend 3 should be shortened. Reference list: DOIs/PMIDs are not provided.

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BPG Search:

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- ☐ No