

## PEER-REVIEW REPORT

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

**Manuscript NO:** 49533

**Title:** Up-regulated Wnt1-inducible signaling pathway protein-1 correlates with poor prognosis and drug-resistance by reducing DNA repair in gastric cancer

**Reviewer's code:** 03478635

**Reviewer's country:** Japan

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-06-03 09:57

**Reviewer performed review:** 2019-06-06 04:41

**Review time:** 2 Days and 18 Hours

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

WISP1 expression is correlated with cancer proliferation. Core tip may be revised to describe how up-regulated expression of WISP1 is associated with cancer progression and drug resistance. The description about Cox multivariate survival analysis in TNM



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stage in Table 2 may be revised to include the more detailed explanation.

#### INITIAL REVIEW OF THE MANUSCRIPT

##### *Google Search:*

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

##### *BPG Search:*

- ☐ The same title
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**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 49533

**Title:** Up-regulated Wnt1-inducible signaling pathway protein-1 correlates with poor prognosis and drug-resistance by reducing DNA repair in gastric cancer

**Reviewer's code:** 03769068

**Reviewer's country:** Brazil

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-06-20 10:10

**Reviewer performed review:** 2019-06-29 03:06

**Review time:** 8 Days and 16 Hours

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

The manuscript entitled "Up-regulated WISP1 correlates with poor prognosis and drug-resistance by reducing DNA repair in gastric cancer" submitted by Li-Hua Zhang et al. is a nice original article that shows that WISP1 expression might be useful as a



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prognosis marker for patients with Gastric Cancer. It is an well-written article with good tables and graphs. Two mistakes should be corrected: 1) the writing of the word "Introduction", at the first subtitle, is missing the first "i"; 2) The word "in" at the phrase "in GC cells, WISP1 has acted as an oncogene by promoting proliferation, migration, and invasion", in the introduction, must have its first letter being uppercase.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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## PEER-REVIEW REPORT

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

**Manuscript NO:** 49533

**Title:** Up-regulated Wnt1-inducible signaling pathway protein-1 correlates with poor prognosis and drug-resistance by reducing DNA repair in gastric cancer

**Reviewer's code:** 02544757

**Reviewer's country:** Taiwan

**Science editor:** Jia-Ping Yan

**Reviewer accepted review:** 2019-06-23 13:42

**Reviewer performed review:** 2019-07-02 15:42

**Review time:** 9 Days and 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" 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

### SPECIFIC COMMENTS TO AUTHORS

In the current study, Zhang et al assessed the association between expression of Wnt1-inducible signaling pathway protein-1 (WISP1) and clinical outcome of 150 patients. The author showed that overexpression of WISP1 correlated with poor overall

survival in univariate and multivariate analyses. The authors also confirm the biologic function of WISP1 in gastric cancer cell lines via siRNA of WISP1. Overall, the manuscript is well presented. However, there are some comments may improve this manuscript. Major comments 1. In the abstract section, if the authors could provide the more information of 150 patients with gastric cancer (GC). 2. Along this line, if patients received adjuvant chemotherapy, or received chemotherapy if disease recurred or develop metastases? What this the chemotherapy regimen in these patients? The response to chemotherapy is based on the RECIST or other guidelines? 3. Considering that 5-FU and cispaltin remain the standard regimen for GC, whether siRNA of WISP1 can enhance the sensitivity of 5-FU and cisplatin? 4. As mentioned by authors that WISP1 can promote the proliferation, migration, and invasion of GC, whether siRNA of WISP1 can inhibit the proliferation, migration, and invasion in gastric cancer cell lines. 5. In the methods or results section, the targeted RNA sequences and protein sites of siRNA of WISP1 should be provided in details. The western blotting and the qRT-PCR to illustrate the expression level of proteins and mRNA of scramble WISP1 and siRNA of WISP1 in two GC cell lines are strongly recommended.

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