

## PEER-REVIEW REPORT

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

**Manuscript NO:** 41221

**Title:** Yiguanjian decoction enhances fetal liver stem/progenitor cell-mediated repair of liver cirrhosis through regulation of macrophage activation state

**Reviewer's code:** 00053493

**Reviewer's country:** Mexico

**Science editor:** Ruo-Yu Ma

**Date sent for review:** 2018-09-06

**Date reviewed:** 2018-09-11

**Review time:** 5 Days

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 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 checked="" 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

## SPECIFIC COMMENTS TO AUTHORS

Title: Yiguanjian decoction enhances fetal liver stem/progenitor cell-mediated repair of liver cirrhosis through regulation of macrophage activation state The authors aimed to investigate if Yiguanjian Decoction (YGJ) possesses beneficial effects on CCl<sub>4</sub>-induced



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fibrosis in rats and to assess if YGJ combination with fetal liver stem/progenitor cell (FLSPC) increases the antifibrotic activity. The authors found that FLSPC transplantation improved liver function and histopathology and inhibited the activation of the non-canonical Wnt signaling pathway, while activating the canonical Wnt signaling pathway. In addition, the results indicate that YGJ enhanced the therapeutic effects of FLSPCs by inhibiting the canonical and enhancing the non-canonical Wnt signaling pathways. They concluded that YGC in combination with FLSPC may be useful for the treatment of human fibrosis. Comments: 1. The authors utilized a model of CCl<sub>4</sub> plus 2-AAF to induce cirrhosis. Why? Please justify the model. Why not CCl<sub>4</sub> alone? 2. In addition to serious red, another quantitative marker of fibrosis, like hydroxyproline or IHQ o WB of collagen is recommended for in vivo studies. 3. Does the NF-kappaB proinflammatory factor plays a role? Why it was not measured? 4. Professional edition must be performed again, the manuscript is very bad written. I am surprised that the authors uploaded a certificate of English language editing by LetPub.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

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

### *BPG Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism



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[ Y ] No

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**Reviewer's code:** 02979974

**Reviewer's country:** China

**Science editor:** Ruo-Yu Ma

**Date sent for review:** 2018-08-30

**Date reviewed:** 2018-09-17

**Review time:** 18 Days

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:
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			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
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			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

References to be updated

### INITIAL REVIEW OF THE MANUSCRIPT



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