



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Stem Cells

**Manuscript NO:** 59909

**Title:** Mesenchymal stromal cell-dependent immunoregulation in chemically induced acute liver failure

**Reviewer's code:** 03851504

**Position:** Editorial Board

**Academic degree:** MBBS, MD

**Professional title:** Consultant Physician-Scientist

**Reviewer's Country/Territory:** India

**Author's Country/Territory:** China

**Manuscript submission date:** 2020-10-06

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2020-12-17 14:24

**Reviewer performed review:** 2020-12-18 15:18

**Review time:** 1 Day

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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#### **SPECIFIC COMMENTS TO AUTHORS**

Zhou and colleagues have elegantly reviewed an enigmatic but important topic of mesenchymal stromal cells dependent immune regulation in drug induced liver failure by summarizing animal models. The Table and Figures are very well made and with updated current literature. The manuscript is well written and require minor language and grammar/syntax corrections. I suggest, if possible, and where available, the following data: 1. MSCs use in humans with acute liver failure - provide a description and summary para on this, if data is available. 2. Provide a paragraph on current lacunae and future prospects in bench to bedside research on MSC use in ALF and obstacles faced and possible solutions to these.