

## PEER-REVIEW REPORT

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

**Manuscript NO:** 61970

**Title:** Alleviation of acute pancreatitis-associated lung injury by inhibiting the p38 MAPK pathway in pulmonary microvascular endothelial cells

**Reviewer's code:** 00045989

**Position:** Peer Reviewer

**Academic degree:** AGAF, FACG, FACP, FASGE, MD

**Professional title:** Director, Professor

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2020-12-25

**Reviewer chosen by:** Jin-Lei Wang

**Reviewer accepted review:** 2021-01-15 20:29

**Reviewer performed review:** 2021-01-19 19:56

**Review time:** 3 Days and 23 Hours

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish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**

The study is complex and well done confirming that dose dependent blockade of a p38 MAPK inhibitor with SB203580 moderates SAP-ALI and may play a future role in the Rx of PMVECs and ARDS in individuals with severe acute pancreatitis. Note minor grammar suggestions: 1. Core tip: alleviating = alleviated 2. Introduction, paragraph 3, increasement = increase 3. Discussion, paragraph 3: induced only modest cell damage. Accordingly, we chose to over express...