

**ESPS Peer-review Report**

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

**ESPS Manuscript NO:** 3838

**Title:** Research on stress-induced apoptosis of natural killer cells and the alteration of their killing activity in mouse liver

**Reviewer code:** 01877050

**Science editor:** Wang, Jin-Lei

**Date sent for review:** 2013-05-27 20:17

**Date reviewed:** 2013-06-17 12:05

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

**COMMENTS TO AUTHORS**

After reading this manuscript carefully, I suggest to publish this manuscript in the journal. The manuscript is very interesting. It can will be useful for the readers.

## ESPS Peer-review Report

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

**ESPS Manuscript NO:** 3838

**Title:** Research on stress-induced apoptosis of natural killer cells and the alteration of their killing activity in mouse liver

**Reviewer code:** 02150257

**Science editor:** Wang, Jin-Lei

**Date sent for review:** 2013-05-27 20:17

**Date reviewed:** 2013-06-23 21:50

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

In the manuscript entitled "Research on stress-induced apoptosis of natural killer cells and the alteration of their killing activity in mouse liver", Ma et al investigated the stress-induced apoptosis of natural killer cells and the changes in their killing activity in mouse livers. Natural killer cell is an important type of lymphocytes. The authors made a interesting research on natural keller cell. This study proves the anti-stress ability of Mac-1- hepatic NK cells. This finding suggests that Mac-1- NK cells maintain immune functional stability under stress conditions. Further studies should investigate how to characterize Mac-1- NK cells and utilize them for preventing the immune dysfunction caused by stress.