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# ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology
**ESPS manuscript NO:** 23858
**Title:** Inhibitory effect of miR-125b on hepatitis C virus core protein-induced TLR2/MyD88 signaling in THP-1 cells
**Reviewer's code:** 00071717
**Reviewer's country:** Turkey
**Science editor:** Jing Yu
**Date sent for review:** 2015-12-31 08:42
**Date reviewed:** 2016-01-12 15:48

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|---|---|---|---|
| [ ] Grade A: Excellent | [ Y] Grade A: Priority publishing | Google Search: | [ Y] Accept |
| [ Y] Grade B: Very good | [ ] Grade B: Minor language polishing | [ ] The same title | [ ] High priority for publication |
| [ ] Grade C: Good | [ ] Grade C: A great deal of language polishing | [ ] Duplicate publication | [ ] Rejection |
| [ ] Grade D: Fair | [ ] Grade D: Rejected | [ ] Plagiarism | [ ] Minor revision |
| [ ] Grade E: Poor | | [ Y ] No | [ ] Major revision |
| | | BPG Search: | |
| | | [ ] The same title | |
| | | [ ] Duplicate publication | |
| | | [ ] Plagiarism | |
| | | [ Y ] No | |

## COMMENTS TO AUTHORS

Authors investigated the possible role of miR-125b in regulating monocyte immune responses induced by HCV core protein. They found that cytokine production was up-regulated and miR-125b expression was down-regulated by HCV-core protein through TLR2/MyD88 signaling in THP-1 cells. In general, this research is novel, manuscript presentation and readability is good. Some concerns occur; 1-There are some erratum that should be corrected. 2-The abreviations should be mentioned in the text where its first used.

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# ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology
**ESPS manuscript NO:** 23858
**Title:** Inhibitory effect of miR-125b on hepatitis C virus core protein-induced TLR2/MyD88 signaling in THP-1 cells
**Reviewer's code:** 00068251
**Reviewer's country:** Turkey
**Science editor:** Jing Yu
**Date sent for review:** 2015-12-31 08:42
**Date reviewed:** 2016-01-20 14:25

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|---|---|---|---|
| [ ] Grade A: Excellent | [ ] Grade A: Priority publishing | Google Search: | [ ] Accept |
| [Y] Grade B: Very good | [Y] Grade B: Minor language polishing | [ ] The same title | [ ] High priority for publication |
| [ ] Grade C: Good | [ ] Grade C: A great deal of language polishing | [ ] Duplicate publication | [ ] Rejection |
| [ ] Grade D: Fair | [ ] Grade D: Rejected | [ ] Plagiarism | [Y] Minor revision |
| [ ] Grade E: Poor | | [Y] No | [ ] Major revision |
| | | BPG Search: | |
| | | [ ] The same title | |
| | | [ ] Duplicate publication | |
| | | [ ] Plagiarism | |
| | | [Y] No | |

## COMMENTS TO AUTHORS

Dear Editor, Word Journal of Gastroenterology 20.01. 2016 Please find below the report for the manuscript titled "Inhibitory Effect of miR-125b on HCV Core Protein- induced TLR2/MyD88 signaling in THP-1 cells" Material and Methods 1- The cells differentiated are original functional cells, and produce pro-inflammatory and anti-inflammatory sitokin secretion. In the study, THP-1 makrofaj cells are used without being differentiated; this means that makrofaj function was not tested. The lack of methodological procedure in the study needs to be explained. Discussion 2- There are various studies on MIR-125b. (e.g. miR-125b is overexpressed in several types of cancer and contributes to tumor resistance to chemotherapy, inhibiting apoptosis). As a result, how selective effect in HCV treatment with MIR-125b can be maintained should be mentioned. References 3- It should be modify the name of the journal as abbreviation according to index medicus. General suggestions 4- English grammar should be checked carefully.

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# ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology
**ESPS manuscript NO:** 23858
**Title:** Inhibitory effect of miR-125b on hepatitis C virus core protein-induced TLR2/MyD88 signaling in THP-1 cells
**Reviewer's code:** 00503082
**Reviewer's country:** South Korea
**Science editor:** Jing Yu
**Date sent for review:** 2015-12-31 08:42
**Date reviewed:** 2016-01-26 14:10

| CLASSIFICATION | LANGUAGE EVALUATION | SCIENTIFIC MISCONDUCT | CONCLUSION |
|---|---|---|---|
| [ ] Grade A: Excellent | [ Y] Grade A: Priority publishing | Google Search: | [ ] Accept |
| [ ] Grade B: Very good | [ ] Grade B: Minor language polishing | [ ] The same title | [ ] High priority for publication |
| [ Y] Grade C: Good | [ ] Grade C: A great deal of language polishing | [ ] Duplicate publication | [ ] Rejection |
| [ ] Grade D: Fair | [ ] Grade D: Rejected | [ ] Plagiarism | [ Y] Minor revision |
| [ ] Grade E: Poor | | [ Y ] No | [ ] Major revision |
| | | BPG Search: | |
| | | [ ] The same title | |
| | | [ ] Duplicate publication | |
| | | [ ] Plagiarism | |
| | | [ Y ] No | |

## COMMENTS TO AUTHORS

The authours tested the role of MiR125b in the regulation of macrophage inflammatory activation induced by HCV core protein. Activation of THP-1 cells correlated with decrease in MiR125b levels and overexpression of MiR125b resulted in the suppression of MAPK and NF-kB activity and cytokine production. I think the manuscript is well organized and the results are sound whit respect to the integrity of the paper. One minor point is that the figures and characters in the figures are sometimes hard to read and sometimes not aligned very well.