



# BAISHIDENG PUBLISHING GROUP INC

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## ESPS Peer-review Report

**Name of Journal:** World Journal of Hepatology

**ESPS Manuscript NO:** 9902

**Title:** Role of adipokines and peroxisome proliferator-activated receptors in hepatic energy metabolism and nonalcoholic fatty liver disease

**Reviewer code:** 02079515

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-03-03 20:18

**Date reviewed:** 2014-03-05 18:17

| CLASSIFICATION                                     | LANGUAGE EVALUATION   | RECOMMENDATION                      | CONCLUSION   |
|--|---|-------------------------------------|--|
| <input type="checkbox"/> Grade A (Excellent)       | <input type="checkbox"/> Grade A: Priority Publishing                 | Google Search:                      | <input type="checkbox"/> Accept                        |
| <input type="checkbox"/> Grade B (Very good)       | <input checked="" type="checkbox"/> Grade B: minor language polishing | <input type="checkbox"/> Existed    | <input type="checkbox"/> High priority for publication |
| <input checked="" 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                            | BPG Search:                         | <input checked="" type="checkbox"/> Minor revision     |
| <input type="checkbox"/> Grade E (Poor)            |   | <input type="checkbox"/> Existed    | <input type="checkbox"/> Major revision                |
|  |   | <input type="checkbox"/> No records |  |

## COMMENTS TO AUTHORS

The paper is interesting and well written. I would suggest to further consider the role of iron overload in the pathogenesis of NAFLD, and the possible interplay with cytokines



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**Name of Journal:** World Journal of Hepatology

**ESPS Manuscript NO:** 9902

**Title:** Role of adipokines and peroxisome proliferator-activated receptors in hepatic energy metabolism and nonalcoholic fatty liver disease

**Reviewer code:** 01550210

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-03-03 20:18

**Date reviewed:** 2014-03-18 14:57

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

## COMMENTS TO AUTHORS

The authors discussed about the roles of adipokines and PPARs in NAFLD pathogenesis and future possibility of PPAR agonist usage against NAFLD development. The reviewer thinks this work is well written overall and convincing. Latest works (within 3 years) are reviewed quite frequently. However, the reviewer also feels this work lacks discussion about the role of these molecules on reactive oxidative stress (ROS), the mainstream pathway of liver inflammation in NAFLD. The authors are advised to discuss about interactions between these molecules and ROS in hepatic steatosis.



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## ESPS Peer-review Report

**Name of Journal:** World Journal of Hepatology

**ESPS Manuscript NO:** 9902

**Title:** Role of adipokines and peroxisome proliferator-activated receptors in hepatic energy metabolism and nonalcoholic fatty liver disease

**Reviewer code:** 02541437

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-03-03 20:18

**Date reviewed:** 2014-03-21 06:01

| CLASSIFICATION                                     | LANGUAGE EVALUATION   | RECOMMENDATION                      | CONCLUSION   |
|--|---|-------------------------------------|--|
| <input type="checkbox"/> Grade A (Excellent)       | <input type="checkbox"/> Grade A: Priority Publishing                           | Google Search:                      | <input type="checkbox"/> Accept                        |
| <input 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 checked="" 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                                      | BPG Search:                         | <input type="checkbox"/> Minor revision                |
| <input checked="" type="checkbox"/> Grade E (Poor) |   | <input type="checkbox"/> Existed    | <input type="checkbox"/> Major revision                |
|  |   | <input type="checkbox"/> No records |  |

## COMMENTS TO AUTHORS

A interesting review but it was written without rules for literature.



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## ESPS Peer-review Report

**Name of Journal:** World Journal of Hepatology

**ESPS Manuscript NO:** 9902

**Title:** Role of adipokines and peroxisome proliferator-activated receptors in hepatic energy metabolism and nonalcoholic fatty liver disease

**Reviewer code:** 02822536

**Science editor:** Ling-Ling Wen

**Date sent for review:** 2014-03-03 20:18

**Date reviewed:** 2014-03-23 01:21

| CLASSIFICATION                                     | LANGUAGE EVALUATION   | RECOMMENDATION                      | CONCLUSION   |
|--|---|-------------------------------------|--|
| <input type="checkbox"/> Grade A (Excellent)       | <input type="checkbox"/> Grade A: Priority Publishing                 | Google Search:                      | <input type="checkbox"/> Accept                        |
| <input type="checkbox"/> Grade B (Very good)       | <input checked="" 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 checked="" 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

This manuscript is about the endocrine and pro-inflammatory role of the adipose tissue in NAFLD, reviewing the adipokines and cytokines involved in this process. I have some minor considerations, the first is the use of inadequate terms such as “accrual” instead of storage or accumulation, or “prognosticator” instead of predictor. The other, in the introduction, the paragraph: “Histologically, NAFLD is characterized .....” induces to understand that all the histological features have to be present to the diagnose of NAFLD, taking into account that this acronym included the spectrum of lesions, from simple steatosis to NASH and NASH-cirrhosis. Reference 12 is incomplete. In addition, I have to comment that the strength of this review rests on the role of PPARs in the lipids metabolism and NAFLD, however, the weakness are based in the role of adipokines and cytokines in NAFLD, which is less updated mainly in the relationship between adipokines and genetic alterations such as polymorphisms in PNPLA3