

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 47382

**Title:** Extrahepatic hepcidin production: the intriguing outcomes of recent years

**Reviewer's code:** 03537553

**Reviewer's country:** Turkey

**Science editor:** Ze-Mao Gong

**Reviewer accepted review:** 2019-04-17 08:55

**Reviewer performed review:** 2019-04-18 06:56

**Review time:** 22 Hours

| SCIENTIFIC QUALITY                                | LANGUAGE QUALITY  | CONCLUSION   | PEER-REVIEWER STATEMENTS                    |
|---|---|--|---|
| <input type="checkbox"/> Grade A: Excellent       | <input type="checkbox"/> Grade A: Priority publishing       | <input type="checkbox"/> Accept                    | Peer-Review:                                |
| <input type="checkbox"/> Grade B: Very good       | <input checked="" type="checkbox"/> Grade B: Minor language | (High priority)                                    | <input type="checkbox"/> Anonymous          |
| <input checked="" type="checkbox"/> Grade C: Good | polishing   | <input type="checkbox"/> Accept                    | <input type="checkbox"/> Onymous            |
| <input type="checkbox"/> Grade D: Fair            | <input type="checkbox"/> Grade C: A great deal of           | (General priority)                                 | Peer-reviewer's expertise on the            |
| <input type="checkbox"/> Grade E: Do not          | language polishing  | <input checked="" type="checkbox"/> Minor revision | topic of the manuscript:                    |
| publish   | <input type="checkbox"/> Grade D: Rejection                 | <input type="checkbox"/> Major revision            | <input type="checkbox"/> Advanced           |
|   |   | <input type="checkbox"/> Rejection                 | <input checked="" type="checkbox"/> General |
|   |   |  | <input type="checkbox"/> No expertise       |
|   |   |  | Conflicts-of-Interest:                      |
|   |   |  | <input type="checkbox"/> Yes                |
|   |   |  | <input checked="" type="checkbox"/> No      |

### SPECIFIC COMMENTS TO AUTHORS

Some english writing mistakes should be check before the publication of paper.  
Manuscript has scientific quality about hepcidine and peripheral tissues.

### INITIAL REVIEW OF THE MANUSCRIPT



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*Google Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

*BPG Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 47382

**Title:** Extrahepatic hepcidin production: the intriguing outcomes of recent years

**Reviewer's code:** 01404215

**Reviewer's country:** Spain

**Science editor:** Ze-Mao Gong

**Reviewer accepted review:** 2019-04-17 09:25

**Reviewer performed review:** 2019-04-26 17:22

**Review time:** 9 Days and 7 Hours

| SCIENTIFIC QUALITY                          | LANGUAGE QUALITY                                      | CONCLUSION                              | PEER-REVIEWER STATEMENTS              |
|---|---|---|---------------------------------------|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing | <input type="checkbox"/> Accept         | Peer-Review:                          |
| <input type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language      | (High priority)                         | <input type="checkbox"/> Anonymous    |
| <input type="checkbox"/> Grade C: Good      | polishing   | <input type="checkbox"/> Accept         | <input type="checkbox"/> Onymous      |
| <input type="checkbox"/> Grade D: Fair      | <input type="checkbox"/> Grade C: A great deal of     | (General priority)                      | Peer-reviewer's expertise on the      |
| <input type="checkbox"/> Grade E: Do not    | language polishing                                    | <input type="checkbox"/> Minor revision | topic of the manuscript:              |
| publish                                     | <input type="checkbox"/> Grade D: Rejection           | <input type="checkbox"/> Major revision | <input type="checkbox"/> Advanced     |
|   |   | <input type="checkbox"/> Rejection      | <input type="checkbox"/> General      |
|   |   |   | <input type="checkbox"/> No expertise |
|   |   |   | Conflicts-of-Interest:                |
|   |   |   | <input type="checkbox"/> Yes          |
|   |   |   | <input type="checkbox"/> No           |

### SPECIFIC COMMENTS TO AUTHORS

The authors have made an interesting review on hepcidin: however, the readers can feel that the review produces a bitter-sweet emotion about the main topics of the hepcidin as they remain absent. For example, a) Hepcidin is defined by the authors as a hyposideremic hormone regulating iron metabolism. However, there not any indication

about the cascade of reactions responsible for such regulation. b) There is not any plausible indication about why the iron is so decisive in all tissues and organs studied. c) The review is a descriptive analysis but is little mechanistic. The description of most mechanisms of action driven by hepcidin would facilitate the comprehension of the topic by the readers. d) Neither it is explained why hepcidin behaves as an antimicrobial peptide. 2) A careful revision of the edition would be advisable. For instance, in page 3 third paragraph tells “confirming” that ..... A perusal reading of the text shows that the word “confirming” is not appropriate in this context 3) Page 4, line 7, the word “should” is not appropriate. 4) Page 4, line 13, the word “reducing” is confusing. The reader can be either interpret it as “decreasing” or alternatively as the opposed term to oxidizing. 5) Page 7, line 26, The term “protein expression” as compared to mRNA levels is not appropriate.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

### *BPG Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No