

## ESPS Peer-review Report

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

**ESPS Manuscript NO:** 4235

**Title:** Intestinal acyl-CoA synthetase 5 – activation of long chain fatty acids and behind

**Reviewer code:** 00504457

**Science editor:** Wen, Ling-Ling

**Date sent for review:** 2013-06-22 20:37

**Date reviewed:** 2013-06-24 13:44

| 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 checked="" 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"/> 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 paper reports a role of ACSL5 in enterocyte of intestine, which is actively regenerative tissue. I am very interested in your issue of this paper, and think it is worthy for publication of WJG. 1. Comments for Fig. 1 should be described. 2. Although Klaus et al. show lots of evidences in introduction, I think you need to organize and describe more simply. 3. Second section (ACSL5 as regulator of the cellular renewal along the CVA in human small intestine) and conclusion are well written and organized, but third section (Lipid modification control intestinal signaling pathways of central relevance) should be revised more effective. 4. The last two sentences of abstract part are unclear what you want to say. (It is one example for a bidirectional modifier with proapoptotic and antiproliferative properties and insofar could be of central relevance for intestinal carcinogenesis. While the molecular mechanism of proliferating effects through ACSL5 activity is already known, the molecular biology of antiproliferative effects is so far unclear.)

## ESPS Peer-review Report

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

**ESPS Manuscript NO:** 4235

**Title:** Intestinal acyl-CoA synthetase 5 – activation of long chain fatty acids and behind

**Reviewer code:** 00503464

**Science editor:** Wen, Ling-Ling

**Date sent for review:** 2013-06-22 20:37

**Date reviewed:** 2013-06-26 21:45

| 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 checked="" type="checkbox"/> Rejection          |
| <input type="checkbox"/> Grade D (Fair)            |   | BPG Search:                         | <input type="checkbox"/> Minor revision                |
| <input checked="" 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

COMMENTS TO AUTHORS: In this manuscript, the authors summarized the modifying role of ACSL5 in different cellular process. The manuscript was written in monotonous way and the author's intention of this manuscript is unclear. Comment 1. Abstract did not summarize the contents of this manuscript. 2. Please depict the working hypothesis of this review in one figure. 3. The manuscript needs English proofreading.

## ESPS Peer-review Report

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

**ESPS Manuscript NO:** 4235

**Title:** Intestinal acyl-CoA synthetase 5 – activation of long chain fatty acids and behind

**Reviewer code:** 00398205

**Science editor:** Wen, Ling-Ling

**Date sent for review:** 2013-06-22 20:37

**Date reviewed:** 2013-07-06 02:28

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

This is a comprehensive review focussing on an interesting subject.