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PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 53378

Title: Free Fatty acids receptors (FFAR2 and FFAR3) control cell proliferation by regulating cellular glucose uptake

Reviewer’s code: 02803865

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer’s country: France

Author’s country: Saudi Arabia

Manuscript submission date: 2019-12-17

Reviewer chosen by: Jie Wang

Reviewer accepted review: 2020-01-08 09:40

Reviewer performed review: 2020-01-21 13:55

Review time: 13 Days and 4 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 checked="" 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 checked="" type="checkbox"/> Advanced |
| | | <input type="checkbox"/> Rejection | <input type="checkbox"/> General |
| | | | <input type="checkbox"/> No expertise |
| | | | Conflicts-of-Interest: |
| | | | <input type="checkbox"/> Yes |
| | | | <input checked="" type="checkbox"/> No |



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SPECIFIC COMMENTS TO AUTHORS

The authors report data on FFAR2 and FFAR3 and cell proliferation in colorectal cancer cell lines. The topic is of interest. The manuscript requires extensive revision before publishing. The authors could try to simplify the manuscript (ex by simplifying sentences) and by focusing on the main original findings. The aims of the study (without methods or results) should be noted at the end of the Introduction. The authors should clearly note when referring to human colorectal tumors and normal tissues and when to cell lines. Figure 5 could be mentioned before or in the beginning of the Conclusion. The figure could be briefly explained/described. The authors could also detail information in the figure, for example note which cell lines, similar. The references' format should be revised (uniform format for all references, ex note page numbers). Examples of words/phrases to revise "The site of this cancer is also the location for processing of food aided by the gut microbiota." "there is no definitive study" "While some patients had reduced FFAR3 gene expression, collectively we did not observe" "All patients were consented before sample collection." for sample collection and use? "All ethical consent and permission were obtained as mentioned in our previous publication (23)." the permissions and consents were obtained according to the journal's guidelines? standards accepted by F6Publishing? other? "we also found to be slightly affected with 32% reduction in expression" "confirms its efficacy" confirmed the efficacy "especially in colorectal cancer where high fat diet has been strongly correlated." "shown to mediate cancerous activity" "favourable molecules" "Using this data we interrogated the expression profile of short chain free fatty acid receptors." "Our data" our results? the results of this study? "We could not implicate FFAR2 and FFAR3 in glucose metabolism" "provide evidence to suggest" "Medical research centre" Medical research Centre



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INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
- Duplicate publication
- Plagiarism
- No

BPG Search:

- The same title
- Duplicate publication
- Plagiarism
- No