

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 46710

Title: Effect of exercise on colorectal cancer prevention and treatment

Reviewer's code: 02551224

Reviewer's country: Italy

Science editor: Fang-Fang Ji

Reviewer accepted review: 2019-02-26 07:06

Reviewer performed review: 2019-02-26 09:34

Review time: 2 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

Dear Authors, your manuscript entitled "Colorectal cancer and exercise" is an interesting review article on a subject so far poorly understood but increasingly known also by the general population. It is well written in English. There are only minor mistakes to correct. One is Referanslar instead of references. I found it well documented, and with a rich



**Baishideng
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7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

bibliography. Maybe the text is some times a little redundant. What is most appreciable is the temptative to give scientifically proven information regarding the possible mechanisms of action. I think your article deserves publication.

INITIAL REVIEW OF THE MANUSCRIPT

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 Gastrointestinal Oncology

Manuscript NO: 46710

Title: Effect of exercise on colorectal cancer prevention and treatment

Reviewer's code: 04091166

Reviewer's country: China

Science editor: Fang-Fang Ji

Reviewer accepted review: 2019-02-27 14:24

Reviewer performed review: 2019-02-27 16:34

Review time: 2 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 are reviewing physical exercises in reducing colorectal cancer incidence and improving cancer treatment strategies. 1. The title is too vague and revision is needed. An example of title change: Exercise effect on the prevention and treatment of colorectal cancer. 2. A conclusion remark should be included in the last sentence of Abstract. 3.



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Summary is required at the end of each section. 4. One or two summary tables may be produced to list all the possible molecular mechanisms involved in exercise training and those biomarkers for the evaluation of exercise efficacy. 5. Visual representation of the relationship between recommended exercise programs and effect of prevention or treatment of colorectal cancer will help improve review quality. 6. Have any studies shown that athletes or gymgoers have a lower chance to develop cancer? Reviewing on these papers about their physical activity and cancer development would be a more convincing demonstration. 7. Are there any differences between aerobic and anaerobic exercises in preventing or treating cancer? 8. Specifically, relation of gut microbiota to cancer development in the colon is potentially plausible and should be covered more extensively. 9. All spelling errors and grammar mistakes should be eliminated.

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- ☐ [Y] No

BPG Search:

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

Manuscript NO: 46710

Title: Effect of exercise on colorectal cancer prevention and treatment

Reviewer's code: 00053419

Reviewer's country: Spain

Science editor: Fang-Fang Ji

Reviewer accepted review: 2019-02-27 10:38

Reviewer performed review: 2019-03-04 11:15

Review time: 5 Days

| SCIENTIFIC QUALITY | LANGUAGE QUALITY | CONCLUSION | PEER-REVIEWER STATEMENTS |
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| | | <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 manuscript is a review on the effects of exercise in the evolution of colorectal cancer. The current state of this field has been thoroughly reviewed and most of the outcomes have been nicely described. There is, however, a lack of critical view to provide the reader with a hierarchical schema where the most relevant findings should be



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highlighted. Many observations seem to be controversial and not really confirmed in proper clinical trials. One of the main questions arising is if the effect of exercise is providing the patient with a significant improvement of the overall physical status, instead of having a direct effect on cancer biology. In this direction, the elucidation of mechanisms should shed some light. The biomarker section is, in my view, too large since there is a consistent lack of specificity and there is no statistical support for any of them. The relevance of this section should be downgraded accordingly.

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