

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 53975

Title: Isoflavones and inflammatory bowel disease

Reviewer's code: 00068723

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Doctor, Occupational Physician

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2020-01-02

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-02-15 08:36

Reviewer performed review: 2020-02-16 07:40

Review time: 23 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 checked="" type="checkbox"/> Grade D: Fair | <input checked="" 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 checked="" 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

The authors reviewed isoflavones and inflammatory bowel disease (IBD). The theme was rationale, and basic information was useful. Much of this manuscript was spent on the basic information including experimental data. More clinical information would make this review more relevant. The effects of isoflavones to IBD were controversial. It would be better to cite more clinical literatures of good or bad affects to IBD. Human data are crucial and basis for experiments. Reference 68 was rationale for this topic. Were there any more literatures of difference of intake of isoflavones between IBD patients and healthy people in the same ethnic group? Were there any interventional studies reported? For example, isoflavone was provided to patients with IBD, and the clinical courses were observed. Or isoflavone was provided to health people, and the clinical course were observed. Isoflavone is included in food. What mechanism would the author speculate isoflavone control or exacerbate IBD in human?

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 Clinical Cases

Manuscript NO: 53975

Title: Isoflavones and inflammatory bowel disease

Reviewer's code: 00051373

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: China

Manuscript submission date: 2020-01-02

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-02-15 14:06

Reviewer performed review: 2020-02-16 08:55

Review time: 18 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 checked="" type="checkbox"/> Anonymous |
| <input checked="" type="checkbox"/> Grade C: Good | polishing | <input checked="" 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 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 |

SPECIFIC COMMENTS TO AUTHORS



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An interesting basical review of IBS managment with chinese medicine. Manuscript is well written and preparation.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
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- ☐ Plagiarism
- ☐ No

BPG Search:

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

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 53975

Title: Isoflavones and inflammatory bowel disease

Reviewer's code: 00503623

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Professional title: Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

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Reviewer performed review: 2020-02-18 19:19

Review time: 3 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: |
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| <input type="checkbox"/> Grade C: Good | polishing | <input checked="" 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 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 |

SPECIFIC COMMENTS TO AUTHORS

This manuscript provides a concise review on the role of isoflavones, abundantly present in soybean, in the modulation of inflammatory bowel disease (IBD). Based on the extensive literature data it becoming apparent that these compounds and their bacterial metabolites affect the mucosal inflammatory responses, thus exerting direct modulatory effect on the production of pro-inflammatory mediators associated with IBD. The paper is well structured, and contains the figures of the metabolic pathways of the processed isoflavones as well the pictorial interpretation of the effect of isoflavones on IBD. However, the authors, while discussing the role of NO and PGE2 in the mucosal proinflammatory responses in IBD, should also elaborate on the interaction of NO with COX2 leading to amplification of PGE2 production through COX2 S-nitrosylation (see *Inflammopharmacology*, 25(2017)415-429). Also, please check the use of past tense and present tense grammar in the second paragraph under “IBD: changes in the IBD”.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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BPG Search:

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- ☐ Plagiarism
- ☐ No