

## PEER-REVIEW REPORT

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

**Manuscript NO:** 89065

**Title:** Anti-tumor effect of coix seed based on the theory of medicinal and food homology

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05120663

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** United States

**Author's Country/Territory:** China

**Manuscript submission date:** 2023-10-19

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2023-10-19 09:59

**Reviewer performed review:** 2023-10-19 10:20

**Review time:** 1 Hour

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

<b>Scientific significance of the conclusion in this manuscript</b>	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
<b>Language quality</b>	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

This paper covers very interesting topics on coix seeds. It is a nice summary. Contents are generally excellent, but some points are missing. After improvements, this paper can be very useful and informative. This paper relatively lacks insights into dietary metabolic effects in humans. Emerging evidence indicates that modifiable life style factors are important. In new sentences and/or a new short section, the author should discuss other dietary, life habit, and environmental factors which interact with coix seed components and influence immune system, metabolism, and cancer. Research on coix seeds, other dietary / medicinal factors, life style, and other factors should be merged with tumor biomarker analyses. The authors should discuss molecular pathological epidemiology that can investigate those factors in relation to molecular pathologies, and clinical outcomes. Such integrated analysis / science / field is discussed in the literature (eg, Ann Rev Pathol 2019, Gut 2022) and can be a promising direction. This also can add uniqueness to this article.