

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 88856

Title: Effects of Helicobacter pylori and Moluodan on the Wnt/ β -catenin signaling pathway in mice with precancerous gastric cancer lesions

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03731081

Position: Peer Reviewer

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Russia

Author's Country/Territory: China

Manuscript submission date: 2023-10-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-10-11 17:04

Reviewer performed review: 2023-10-12 09:43

Review time: 16 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" 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 Grade E: Do not publish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

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

The authors presented an interesting manuscript on the treatment of precancerous changes in the stomach with the herbal medicine Moluodan. The manuscript is well illustrated. The experiment was conducted on laboratory animals in accordance with the principles of evidence-based medicine. The authors in this experiment created a mouse model of *Helicobacter pylori* infection, as well as the induction of satiety disorders and the introduction of an acid-suppressing diet. Experiments complied with the ARRIVE guidelines. Needs clarification "0.2 ml of 2% H_2HCO_3 solution" or "0.2 ml of 2% NaHCO_3 solution". To develop precancerous changes in the stomach in linear mice, the carcinogen N-methyl-N-nitrosourea was used. This study requires clinical continuation. Moluodan needs scientific clinical confirmation of its therapeutic effect in atrophic gastritis. The manuscript is recommended for publication in the World Journal of Gastroenterology.