

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Gastroenterology*

**Manuscript NO:** 76214

**Title:** Effects of Granule Dendrobii on chronic atrophic gastritis induced by nitrosoguanidine in rats

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

**Peer-review model:** Single blind

**Reviewer's code:** 00036517

**Position:** Editorial Board

**Academic degree:** AGAF, MD, PhD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** Japan

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

**Manuscript submission date:** 2022-03-13

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-04-06 05:21

**Reviewer performed review:** 2022-04-13 05:05

**Review time:** 6 Days and 23 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 Grade E: Do not publish
Language quality	<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
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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<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
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#### **SPECIFIC COMMENTS TO AUTHORS**

At first, this manuscript is too long for readers. I suggest that authors need to clear it up, especially the part of results. In discussion, there are a lot of repeated results, i suggest that authors need to add the speculations from their results in discussion.

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

**Peer-review model:** Single blind

**Reviewer's code:** 03544596

**Position:** Editorial Board

**Academic degree:** MD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Turkey

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

**Manuscript submission date:** 2022-03-13

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-05-07 10:38

**Reviewer performed review:** 2022-05-16 17:47

**Review time:** 9 Days and 7 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" 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
Language quality	<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
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



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**Peer-reviewer  
statements**

Peer-Review: [ ☒ ] Anonymous [ ☐ ] Onymous

Conflicts-of-Interest: [ ☐ ] Yes [ ☒ ] No

### **SPECIFIC COMMENTS TO AUTHORS**

Dear Editor, Thanks to the authors for this experimental study. There is limited studies in this topic. I think that it will contribute to the literature.

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

**Peer-review model:** Single blind

**Reviewer's code:** 05387405

**Position:** Peer Reviewer

**Academic degree:** MSc, PhD

**Professional title:** Research Scientist

**Reviewer's Country/Territory:** Hungary

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

**Manuscript submission date:** 2022-03-13

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-05-06 09:42

**Reviewer performed review:** 2022-05-17 11:55

**Review time:** 11 Days and 2 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<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 type="checkbox"/> Minor revision <input checked="" 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
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## SPECIFIC COMMENTS TO AUTHORS

Authors investigated the effect of *Dendrobium officinale* in CAG animal models. The following issues should be resolved. Major issues: 1. Both the Methods and Results section is very repetitive. Further editing of the text, merging related paragraphs, etc. is needed. 2. "Its main function is to supplement Qi, nourish Yin and stomach to improve the production of body fluid, making it suitable for treating deficiency of both Qi and Yin". Please update the text that it would be understandable for western researchers as well. 3. "and so on." Please, indicate all ingredients. 4. Detailed description of the various staining methods are not necessary if they are routine ones and can be cited. 5. "Main reagents: Nitrosoguanidine (MNNG, Tokyo Chemical Industry, Japan). Antibody against gastric epithelial cell proliferating cell nuclear antigen (PCNA, NeoMarkers, USA) Anti- Bcl-2 antibody (Millipore, USA). " Instead of a plain listing, include the various chemicals in their corresponding paragraph. 6. Authors provided the sample files available on the WJG site for both Statistical and Language certificates. Those must be properly filed and updated. 7. Please explain, why the Ethical and Animal care documents have different dates. The first is from 2016 while the latter from 2019. Why the difference? 8. More detailed discussion of the results is needed? Eg., were any similar (animal) studies conducted to investigate traditional herbs of any countries over CAG? 9. Description of statistical methods must be more clear. I assume authors used ANOVA, however, for most readers the term ANOVA would be more understandable than F-test. Please include, which LSD test was used (Tukey??). Did authors use Kruskal-Wallis ANOVA for the non-parametric comparisons? 10. On figure 1, there is a minor weight loss for every animal from the 7th until the 8th week. Please explain. 11. ARRIVE



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<https://www.wjgnet.com>

checklist is empty. 12. Moderate English polishing is needed. Minor issues: 1. For better recognition of the various herbs please include the latin names for all of the plants mentioned throughout the text. 2. Pay attention to the correct spelling of binomial names: capital letter for genus and lowercase for species, both in italics. 3. Naming of study groups would be more clear as follows: CAG no-treatment, CAG DG low/medium/high, CAG YWS and healthy animals. 4. Do not merge Figures, use A/B/C/etc instead. 5. "Proliferating Cell Nuclear Antigen (PCNA) is an intranuclear protein that is expressed in a small amount during the quiescence phase of DNA synthesis. It is an important indicator of cell proliferation because its changes are consistent with intracellular DNA replication. The B-cell lymphoma-2 (Bcl-2) is a gene that inhibits apoptosis. Its overexpression can inhibit cell apoptosis and is indicative of a favorable precondition for the transformation of malignant cells." This should be moved from Results to Methods.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Title:** Effects of Granule Dendrobii on chronic atrophic gastritis induced by nitrosoguanidine in rats

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

**Peer-review model:** Single blind

**Reviewer's code:** 05387405

**Position:** Peer Reviewer

**Academic degree:** MSc, PhD

**Professional title:** Research Scientist

**Reviewer's Country/Territory:** Hungary

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

**Manuscript submission date:** 2022-03-13

**Reviewer chosen by:** Ze-Mao Gong

**Reviewer accepted review:** 2022-06-28 15:27

**Reviewer performed review:** 2022-06-28 15:51

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" 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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous





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statements

Conflicts-of-Interest: [ ] Yes [Y] No

#### **SPECIFIC COMMENTS TO AUTHORS**

The manuscript improved significantly. I recommend its publication.