

POINT-BY-POINT RESPONSE

Name of Journal: World Journal of Gastroenterology

Manuscript Title: *Hericum erinaceus*, a medicinal fungus with a centuries-old history: evidence in gastrointestinal diseases.

Invited Manuscript ID: 03476357

[REVIEWER 1]

SPECIFIC COMMENTS TO AUTHORS

Very excellent review that summarized the primary evidence in the literature on *H. erinaceus* and gastrointestinal diseases.

RESPONSE TO REVIEWER:

We cordially thank the reviewer for his/her comment on the quality of our review. We thank the Reviewer for the time and effort spent in reviewing our manuscript.

[REVIEWER 2]

SPECIFIC COMMENTS TO AUTHORS

The current manuscript entitled '*Hericum erinaceus*, a medicinal fungus with a centuries-old history: evidence in gastrointestinal diseases' provided an interesting topic related traditional Chinese medicine, which is promising methods for the treatment of different diseases. Please address the following issues before accept.

1. The authors first introduced the information about *Hericum erinaceus* in the Introduction section, which should be subtitled in another section. Please reduce the Introduction section to provide specific purpose of this review.
2. Please provide the schematic figure of *Hericum erinaceus*.
3. It is suggested to describe the reported contents of *Hericum erinaceus*.

RESPONSE TO REVIEWER:

We cordially thank the reviewer for his/her comment on the quality of our review. We thank the Reviewer for the time and effort spent in reviewing our manuscript. We also thank because thanks to his suggestions, the quality of the manuscript has drastically improved.

In relation to the minor revisions requested by the reviewer, we respond as follows:

- 1) The introduction has been reduced in length as requested. As a result, as requested, the portion of the text that generally introduced *H. erinaceus* has been incorporated into another section immediately after the introduction.
- 2) We provided an outline of the composition of *H. erinaceus* as requested (what is now referred to as Figure 1. Accordingly, the previous figures have been renumbered to Figure 2 and Figure 3.

3) We have provided in the neo-created section a portion in which we summarize the prominent members of the mentioned constituents referred to by the Reviewer.

See the text:

“The main constituents of H. erinaceus are erinacines (cyathane-type diterpenoid aromatic compounds as erinacines A-I), steroids (such as ergosterol, erinarols A-F, and ergostane-type steroids), alkaloids (such as hericirine, 12 β -hydroxyverruculogenTR-2, fumitremorgin, methylthioglyoto, pseurotin A, and FD-838), and lactones (such as vitamin B12-c-lactone) [13].”

[EDITOR IN CHIEF]

SPECIFIC COMMENTS TO AUTHORS

Before final acceptance, when revising the manuscript, the author must supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript. To this end, authors are advised to apply a new tool, the Reference Citation Analysis (RCA). RCA is an artificial intelligence technology-based open multidisciplinary citation analysis database. In it, upon obtaining search results from the keywords entered by the author, "Impact Index Per Article" under "Ranked by" should be selected to find the latest highlight articles, which can then be used to further improve an article under preparation/peer-review/revision. Please visit our RCA database for more information at: <https://www.referencecitationanalysis.com/>.

RESPONSE TO EDITOR IN CHIEF:

We thank the Editor in chief for his comments and to deem our work worthy of publication. We thank you for asking to check our references with Reference Citation Analysis (RCA). We did it. The authors thank the Editor in chief for the time spent and effort in conducting the editing of our work. Thank you.