

Dear Editor

World Journal of Gastroenterology

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Column : Editorial

Title:

Chinese herbal medicine Jianpi Qingchang decoction regulates intestinal motility of dextran sulfate sodium induced colitis in mice

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Correspondence to: Zhi-Peng Tang, PhD

We have carefully considered the suggestions and agreed with the opinions of the reviewers.

Point-by-Point Response to Reviewer

Reviewer

This work focuses on the application of a herbal remedy in an animal model of inflammation.

Specific Comments:

1. The title does not read well: please revise to ensure clarity. This same issue arises in the Aim of the Abstract

Revised.

Title: Jianpi Qingchang Decoction Regulates Intestinal Motility of DSS-induced Colitis Through Reducing Autophagy of Interstitial cells of Cajal

The Aim of the Abstract: To investigate the underlying effect of Jianpi Qingchang decoction (JQD) regulates intestinal motility of dextran sulfate sodium (DSS) induced colitis in mice.

2.The Results section of the ABSTRACT could be improved, with attention to formatting and detail. It is currently a long sentence that would benefit from re-structuring

Revised.

The Results section of the ABSTRACT: Acute inflammation occurred in the mice administered. Compared with the control group, the levels of IL-1 β , TNF- α , IL-10 , IFN- γ , the expression of LC3-II mRNA, Beclin-1 mRNA, NF- κ B p65, and the contractile frequency increased ($P < 0.05$), the expression of c-kit mRNA, and the colonic smooth muscle contractile amplitude decreased ($P < 0.05$) in the DSS group. Compared with the DSS group, the levels of IL-10, IFN- γ , the expression of c-kit mRNA, and the colonic smooth muscle contractile amplitude increased ($P < 0.05$), the levels of TNF- α , IL-1 β , the expression of LC3-II mRNA, Beclin-1 mRNA, NF- κ B p65, and the contractile frequency decreased ($P < 0.05$) in the JQD group.

3.The Conclusion of the Abstract indicates "repair": this is not shown in the preceding results that focus on reduction of inflammatory activity. This should be clearly shown if the authors have specifically shown repair (rather than other effects)

Revised.

JQD can regulate the intestinal motility of DSS-induced colitis in mice through suppressing intestinal inflammatory cascade reaction, reducing autophagy of ICC, and regulating the network path of ICC/smooth muscle cell.

4.The INTRODUCTION requires lots of attention and revision. Currently it has low readability, and is composed of just one long paragraph. It also could be shortened .

Revised.

The INTRODUCTION section has been shortened.

5. In the Methods, what is TCM?

Jianpi Qingchang decoction (JQD) was made on the basis of the theory in TCM to treat UC. The pathogenesis of UC is spleen deficiency, which results in dampness,

heat, stasis, and other pathogenic factors. Thus, the treatment for UC should regulate the flow of qi for strengthening the spleen and eliminating dampness-heat symptoms. JQD reflects the features of TCM treatment for UC on the basis of syndrome differentiation

6. Any company providing reagents should be provided (as per standard protocol) with the company name, and the city + country of location)

Revised.

7. Manufacturer (page 7) is mis-spelt.

Revised.

8. In the RESULTS, how is "toughness" defined? Terms should be defined/validated
In the RESULTS, "toughness" means the colon was not breakable easily when dissected.

9. In the section "JQD suppressed..." on page 9, the reference to the figure should be after the first sentence referring to the data located there.

Revised.

10. The DISCUSSION could be shortened and made more focused

Revised.

The DISCUSSION section has been shortened.

11. There are numerous errors of English language construction/grammar and also typographical errors. these require correction

Revised.

The manuscript was edited by a native speaker of Medsci.

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