### PEER-REVIEW REPORT

**Name of journal:** *World Journal of Diabetes*

**Manuscript NO:** 96226

**Title:** Advances in the treatment of diabetic peripheral neuropathy by modulating gut microbiota with traditional Chinese medicine

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

**Peer-review model:** Single blind

**Reviewer’s code:** 08023053

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer’s Country/Territory:** Lithuania

**Author’s Country/Territory:** China

**Manuscript submission date:** 2024-04-30

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2024-05-05 13:11

**Reviewer performed review:** 2024-05-17 11:28

**Review time:** 11 Days and 22 Hours

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<th>Scientific quality</th>
<th>[ ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[ ] Grade C: Good</th>
<th>[ ] Grade D: Fair</th>
<th>[ ] Grade E: Do not publish</th>
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<td>Novelty of this manuscript</td>
<td>[ ] Grade A: Excellent</td>
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<td>Creativity or innovation of this manuscript</td>
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SPECIFIC COMMENTS TO AUTHORS
This article delves into the intricate relationship between diabetic peripheral neuropathy (DPN) and gut microbiota dysbiosis, highlighting the consequential impact on diabetic foot ulcers. The article introduces a promising perspective by exploring the potential of Traditional Chinese Medicine (TCM) compounds like Shenqi Dihuang Decoction, Huangkui Capsules, and Qidi Tangshen Granules in alleviating diabetic nephropathy symptoms by modulating gut microbiota. A very interesting and important subject. There are, however, some caveats and constraints as delineated below. 1. Some expressions in this review are inappropriate. For example, in the second part of the main text, the authors mentioned that “Based on this, we can come to a conclude that Bifidobacterium and Lactobacillus can inhibit the potential intestinal pathogens and enhance intestinal antioxidant capacity and digestive enzyme activities”. This subjective description is inappropriate, please make modifications. 2. The theme of the review is “Advances in the treatment of diabetic peripheral neuropathy by modulating gut microbiota with Traditional Chinese medicine”, so why did the author cite so many references on the treatment of diabetic nephropathy with traditional Chinese medicine?
3. This article cited little references of treating DPN with traditional Chinese medicine, and the evidence is very insufficient. Please make modifications.
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In this paper the authors deeply researched that diabetic peripheral neuropathy (DPN) is intricately linked to gut microbiota dysbiosis within the context of diabetes underscores the complexity of the condition and the potential avenues for therapeutic intervention. Traditional Chinese Medicine (TCM) compounds, notably Shenqi Dihuang Decoction, Huangkui Capsules, and Qidi Tangshen Granules, exhibit promising efficacy in modulating gut microbiota dysbiosis, consequently alleviating clinical symptoms associated with DPN. The recognition of TCM's role in modulating gut microbiota heralds a paradigm shift in clinical practice, where traditional and modern medical approaches converge to optimize patient outcomes. Overall, TCM's potential in modulating gut microbiota represents a promising frontier in the management of diabetic peripheral neuropathy and warrants continued exploration and investigation. I have a few comments: -It would be better to change the subheading "introduction" to "introduction of DPN". -I suggest adding insights and discussions on future research directions in this field at the end of the article.