

Dear Editors and Reviewers,

We are submitting our revised manuscript entitled “**Exercise promotes osteogenic differentiation by activating the long non-coding RNA H19/microRNA-149 axis**” (Manuscript NO: 90067) to the *World Journal of Orthopedics* for your reconsideration of its suitability for publication. All authors have read and approved the revised manuscript. We deeply appreciate the time and effort you have spent in reviewing our manuscript. We have learned much from the reviewers’ comments, which are valuable and constructive. After studying the comments and your advice carefully, we have made a corresponding revision. Words in yellow are the changes we have made in the new manuscript. Our responses to the comments are listed below:

1. Title: the title properly explains the purpose and objective of the article

Reply: Thank you so much for recognizing our manuscript.

2. Abstract: The abstract should be one paragraph with 150-250 words. It should emphasize the analytics model used in the study, the data, the results, and the novelty of the proposed approach. You need to expand the acronyms in the abstract upon the first use. Minimize acronyms. Stick to the point and make that point power- fully. Tell the reader what your research is about, what methods you used, and what you found. Please revise your abstract accordingly and make sure there are no English or grammar problems in the abstract. Please edit your abstract

Reply: Thank you for your comment. We have revised the abstract as you suggested.

3. Introduction: authors do provide adequate background on the topic and reason for this article and describe what the authors hoped to achieve.

Reply: Thank you so much for recognizing our manuscript.

4. Please provide and edit the following information in the Paper

1) Conflict of Interest. 2) Source of Funding. 3) Some references without DOI (attached file). 4) Writing references according to the terms of the journal

Reply: Thanks for the suggestion. Conflict of Interest and Source of Funding information is included in the footnotes, which follows the part of References. In addition, we have added DOIs or the website address in the References.

5. Language polishing

Reply: Our manuscript has been language edited and polished. We also thank the Reviewers for their careful grammatical revision of the main text.

6. ABBREVIATIONS

Reply: We have modified the abbreviations throughout the main text according to the rules for abbreviations.

We hope the Reviewers will be satisfied with the revisions for our manuscript. If you have any questions about our review, please do not hesitate to contact us.

Thanks and Best regards!

Yours Sincerely,
Prof. Guoxin Ni
02/4/2024