Author’s response to reviews

Title: The effects of zoledronate on the survival and function of human osteoblast-like cells

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Response to Editor and Reviewers

Dear Editor and Reviewers,

Thank you very much for your consideration of our manuscript. In this rebuttal letter, we will respond to each point brought up by the academic editor and reviewers as follows:

Response to Reviewer #1:

1. Thanks a million for your kindly recommendation.

2. As mentioned in the first paragraph of the section of methods, MG-63 and G-292 cells have been widely used in studies of osteoblast proliferation and differentiation. We appreciate your constructive recommendation and will use primary human osteoblast as the materials in the future studies after approval by the institutional review board.

3. Regarding the last sentence in “Conclusion of the abstract section”, we have deleted the speculative sentence and put the sentence “The pathophysiological implications of ZOL at the μM level on skeletal disorders need to be investigated and clarified in the future researches.” instead.

Response to Reviewer #2:

1. Thanks a million for your constructive recommendation.
2. Regarding the novelty, we think that our research is the first report focusing on the effect of ZOL at between 5 µM and 25 µM (an important but overlooked range in the previous literature) on the survival of functions of osteoblasts.

3. We examined the effects of ZOL on the survival and functions of rat stromal cell (R7500). These results are added in the draft and labeled as Figure S1 and S2.

4. We have revised the figure legends, including that of Figure 4, to provide the important information in each legend.

Thanks for your consideration.

Best,

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