

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 63566

Title: MECHANISMS OF ALTERED BONE REMODELING IN CHILDREN WITH TYPE 1 DIABETES

Reviewer's code: 01844774

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: Italy

Manuscript submission date: 2021-01-29

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-01-31 01:07

Reviewer performed review: 2021-01-31 14:37

Review time: 13 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

In this review, the authors bring attention to an important medical condition- altered bone remodeling in children with T1D. The authors then provide data which correlates several factors to modulation of bone remodeling such as insulin, osteoclast/osteoblasts functionality, monokines, and the RANKL signaling pathway. I have 2 major concerns with this review, which need to be revised prior to acceptance: 1) commentary on figure 1 must be better integrated in the text of the manuscript. 2) The conclusion section of the manuscript is especially weak. Generally a review seeks to bring clarity to an esoteric concept or provide an overview to new/emerging data in a particular area. I assume that the purpose of this article is the former, to bring some clarity to an esoteric process. While correlative data is provided, the authors do not form a workable hypothesis suggesting how the information provided could be synthesized. The authors must integrate the information better, and using the data provided, provide a perspective path on how T1D alters bone formation. This manuscript needs a strong refocussing.