Reviewer’s report

Title: TYPE 2 DIABETES AFFECTS BONE CELLS PRECURSORS AND BONE TURNOVER

Version: 0 Date: 06 May 2018

Reviewer: Mogher Khamaisi

Reviewer's report:

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This is an interesting manuscript studying the effect of type 2 diabetes on bone cell precursors, turnover and cytokines involved in the regulation of bone formation and activity. The paper is well written and the data presented in clear way.

My major concerns are:

- The N in each group is small.

- Missing data about patients cardiovascular or microvascular disease status. Previous data supported association between cardiovascular disease and T-score.

- Missing data about diabetes duration, and insulin levels. Insulin may affect bone marrow stem cells and bone precursors and cytokines production. The authors cited in line 85 the measurement of A1c but no data described in the results. A detailed table 1 to describe the patients clinical and demographic parameters is suggested.

- How do the authors explain the undetected levels of SOST? Please discuss.

- The authors cited in line 175 "increase fat mass could be detrimental to bone due to increased inflammation". Have the authors retained any data about inflammation factors such as CRP, IL-6, or Leptin levels?

Are the methods appropriate and well described?
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Yes
Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.
Yes

Are the conclusions drawn adequately supported by the data shown?
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