Reviewer's report

Title: The effect of Core Decompression on Local Expression of BMP-2, PPAR-gamma and Bone Regeneration in the Steroid-induced Femoral Head Osteonecrosis

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Reviewer: Nanxin Li

Reviewer's report:

The current study by Wang et al. explores the effects of core decompression on bone regeneration in a model of femoral head osteonecrosis. The study addresses an interesting topic in the field and the series of studies conducted here are generally well executed and analyzed. I am overall satisfied with the quality and originality of this manuscript and only have a few minor comments.

Minor Essential Revisions (The author can be trusted to make these.)

1) Use sub-titles in results section to better clarify the flow of logic;
2) Correct the +/- signs in Tables 2 and 3;
3) Add more recent (within 3 years) literature to support the argument

Discretionary Revisions (These are recommendations for improvement which the author can choose to ignore.)

4) Expand the introduction a little bit to strengthen the rationale

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests