Reviewer’s report

Title: Osteogenic Differentiation of Amniotic Epithelial Cells: Synergism of Pulsed Electromagnetic Field and Biochemical Stimuli

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Reviewer: Livia Visai

Reviewer’s report:

The authors of the manuscript entitled "Osteogenic Differentiation of Amniotic Epithelial Cells: Synergism of Pulsed Electromagnetic Field and Biochemical Stimuli" by Wang et al. showed that the combined application of physical and biochemical stimuli are synergistic for the osteogenic differentiation of AECs.

As minor essential revisions, I would suggest to the authors to indicate in the introduction another reference:

A Comparative Analysis of the In Vitro Effects of Pulsed Electromagnetic Field Treatment on Osteogenic Differentiation of Two Different Mesenchymal Cell Lineages, by Ceccarelli et al. BioResearch Open Access, 2013

The experiments were performed correctly and the results are coherent. No further indications are suggested.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

No competing interests