

1. Basic reporting

The authors described "The effect of Wnt pathway on osteogenic differentiation of periodontal ligament stem cells in different environments" that already published by previous researchers,

- a. Authors need to state the differences from the other previous reviews and to justify to write this review in the introduction
- b. The Introduction section is not enough. The authors must include additional background information

2. Study design

- a. It is required to contain advantages or disadvantages of PDLSCs in different environments

3. Validity of the finding

- a. In conclusion section, you should aggregate all information of PDLSCs in different environments,
- b. I also suggest adding a graphical abstract to simplify the readers and or It would be better to present a figure that crystalize authors conclusion

4. Additional comments

- a. Please choose a better-quality image for the figures
- b. Additionally, some language and grammar issues are also found in the manuscript and some sentences need to be rewritten.