

Dear Editor,

Thank you for the comments, we have revised the manuscript and video to make sure that we formatted everything according to the recommendations. Importantly, the authors note that written permission has not yet been obtained from Cell Proliferation to use reproductions of published images. The authors will send updates regarding this situation.

Reviewer #1:

Thank you for attention. We said castration because the dogs had ovariectomy procedures, however we want only the ovaries so we did not include the uterus in the video. Anyhow, we changed castration for ovariectomy.

Reviewer #2:

Thank your for your comments.

We used this technique because many cell types can be found in the ovary and we wanted to select MSC. When we use the three-hour protocol, the population that grows is morphologically homogenous and fibroblastic-like when compared to the population for which media was changed after 48 hours, as we can see in the figure 3. No existing MSC differentiation protocol that the authors are aware of achieves differentiation of all cells; there are always some cells that do not respond to the treatment, and it was not our intention to suggest that the differentiation product was completely homogenous.

Regarding the opportunity to define gene products unique to the tissue MSC, the authors thank the reviewer for this thoughtful contribution. Though gene profiling was not conducted, the authors will take this insight into consideration in future experiments.