

Point by point answer to the reviewers' comments:

Reviewer #1: The review is very sound and extensive, and may provide readers and investigators with good information. I recommend the manuscript should be published in WJSC.

Thank you for your positive feedback

Reviewer #2: The authors reviewed the generation of iPSCs throughout the animal kingdom. This compilation is extensive and well organized, reviewing for each major species the various related publications. Although I recommend the publication of this interesting article, I have just one remark: In the introduction, the last sentence of the first paragraph says that "in regards to culturing ESC ... undefined culture conditions present the first hurdle". I think that this affirmation should be tempered because, besides human, mice and rats, many other species successfully gave rise to the generation of ESCs, see for review Savatier et al., Stem Cell Res 19 (2107) 104-112.

We have adjusted this part and listed the species for which ESC establishment remains challenging, acknowledged the species for which it was successful as well as citing the paper reviewer 2 recommended to incorporate.