

## Format for ANSWERING REVIEWERS

August 19, 2014

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: 12573-review.doc).

**Title: Induced Pluripotent Stem Cells: Mechanisms, Achievements and Future Perspectives in Farm Animals**

**Author:** Dharmendra Kumar, Thirumala R. Talluri, Taruna Anand, and Wilfried A. Kues

**Name of Journal:** *World Journal of Stem Cells*

**ESPS Manuscript NO:** 12573

The manuscript has been improved according to the suggestions of reviewers:

Reviewer 1

1 Fig. 1 has been updated

2 Revision has been made according to the suggestions of the reviewer

- (1) As suggested by both reviewer the chapter on STAP cells has been removed.
- (2) The reference Yoshioka et al., 2013. *Cell Stem Cell* 13, p246-254 is included as reference no 109.
- (3) Typos are cleared.
- (4) The aspects of murine iPS cells and potential preclinical studies are reviewed where relevant, the aspects on how large animals models contribute to pre-clinical studies are depicted for example in the chapter "Discovery of induced pluripotency", Tab. 2, and the chapter "Modeling human diseases" (p16). We feel that the aspects of farm animals are appropriately presented in the review.
- (5) The aspect of species-specific reprogramming factors has been added on p16.
- (6) The title of Tab.1 has been changed to "Most advanced achievements in iPS cell generation from domestic animals".. We hope that the changed title of Tab.1 helps to avoid this misunderstanding
- (7) References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Stem Cells*.

Sincerely yours,

Wilfried Kues