

REVIEWER'S COMMENTS on Revised Manuscript

25/02/2025

Manuscript Title: *In vitro* feasibility of bovine whole blood and commercially prepared canine whole blood and packed red blood cells as a source of xenotransfusion in swine (*Sus scrofa domestica*) – **Revised by the authors**

Journal: PeerJ

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Reviewer comments:

I) The following points may be addressed

- i) Line 83 – cite as Aravind and Ninan 2021
- ii) Line 96 – change to Roux et al 2007a, 2007b
- iii) Line 118, 368-369 – cite as Le Gal et al 2020
- iv) Line 118, 173, 174, 234, 222, 253, 358, 389 – remove initials of author while citing in text
- v) Line 218 – remove initials and cite as Hampton et al 2023a and Hampton et al 2023b
- vi) Line 222 – cite as Hampton et al 2023b
- vii) Line 343, 396 – Weltman, Fletcher and Rogers 2014 – cite as Weltman et al 2014
- viii) Table 3 – Newman ALW 2014 – remove initials – cite as Newman 2014
- ix) Provide six to seven Key words after the Abstract

II) The corrections cited in the initial review have been incorporated

- i) Images of Quick slide test & SSA have been included, as was suggested in the initial review
- ii) Table 3 has been included describing the detectable hemolysis in the tubes
- iii) Grading in Figure 1 and Table 3 match
- iv) In Figure 1 the Tube 0 - indicating Grade 0 (as per Table 3) with no visually detectable hemolysis may be incorporated to compare the hemolysis in other tubes
- v) Lines 359 – 377 clarify the doubts raised about minor crossmatch between porcine red blood cells and bovine plasma

III) The authors have to pay more attention during citation of scientists in the text material. As indicated in Point (I), the citations in the text do not follow a set pattern, in spite of the corrections pointed out in the initial review. The standards and pattern of the PeerJ journal in this regard may be adhered to.

In my opinion the article can be published in PeerJ after attending to the minor corrections indicated in the Reviewer's comments of the revised article.

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