

PEER-REVIEW REPORT

Name of journal: *World Journal of Transplantation*

Manuscript NO: 79515

Title: Is the near coming xenotransplantation era relieving us from needing to look for more non-living organ donors?

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06317381

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: India

Author's Country/Territory: Chile

Manuscript submission date: 2022-08-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-08-25 01:20

Reviewer performed review: 2022-08-25 02:01

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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**Peer-reviewer
statements**

Peer-Review: ☒ Anonymous ☐ Onymous

Conflicts-of-Interest: ☐ Yes ☒ No

SPECIFIC COMMENTS TO AUTHORS

This short opinion / editorial article about xenotransplant is a very balanced article in face of the excitement surrounding recent success with xenotransplant.

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Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03546647

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Surgeon

Reviewer's Country/Territory: Italy

Author's Country/Territory: Chile

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Reviewer accepted review: 2022-08-27 10:23

Reviewer performed review: 2022-09-01 17:43

Review time: 5 Days and 7 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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SPECIFIC COMMENTS TO AUTHORS

I find the Editorial by Gonzalez et al very interesting and overall, nicely written. There are few comments: 1) I don't think that Latin America and Western Europe are culturally similar. Maybe, a different comparison would better fit the scope of the sentence. 2) The terms "America" and "Europe" (regarding global donation rate) are too vague. Indeed, in both continents, there are several organ donation and transplantation authorities or organization. 3) I would change "cardiac" with "circulatory" death. 4) Similarly, I would change "organ extraction" with "retrieval" or "procurement". 5) The word "harvesting" should be abandoned. Try and use "procurement" instead. 6) Xenotransplants would be excruciatingly expensive also in countries with top level national health services, such as UK or Italy. Therefore, it would be relevant to include this topic in the discussion about costs. 7) I understand the main topic of discussion is xenotransplantation vs deceased donor transplantation. However, it would be nice mentioning living donor transplantation as well because, beside costs, it raise an ethical dilemma. Should we put healthy subjects at risk to save money?

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Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04152279

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Chile

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Review time: 9 Days and 11 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Organ transplantation has always been at the forefront of medical research. The article discusses the current status and problems of xenotransplantation. Analysed from a physiological and realistic economic perspective, it is proposed that xenotransplantation can only meet the organ transplantation needs of the richest countries. This article is at the forefront of research and has some reference value. However, the following problems remain. 1. The format of the references and the citation format should be modified according to the published literature of the journal. 2. The article lacks an outlook on the future development of xenotransplantation, which could be briefly described.