PEER-REVIEW REPORT

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[ ] Yes [Y] No

Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Authors presented here an Editorial for "Translational research and innovation in modern transplant practice: paradigms from Greece and around the world" special issue.

The manuscript is well written. It briefly and clearly touches all the main subjects that will be addressed in the special issue of this Journal. Moreover, it transmits the enthusiasm of the Authors for the field of Transplantation and its future perspectives. The use of formal English language is appropriate and correct.

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [Y] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No

| Peer-reviewer statements | Peer-Review: [   ] Anonymous   [Y] Onymous |
| | Conflicts-of-Interest: [   ] Yes   [Y] No |

SPECIFIC COMMENTS TO AUTHORS

20 December 2022   Review report on the manuscript titled 'Translational research and innovation in modern transplant practice: paradigms from Greece and around the world' by Tsoulfas G et al., submitted to World Journal of Transplantation Manuscript ID: 81981   Dear Authors,   In the present editorial entitled 'Translational research and innovation in modern transplant practice: paradigms from Greece and around the world', Tsoulfas and colleagues introduced transplantation research as a multidisciplinary field with on-going challenge in tolerance and immunosuppression. The main strength of this manuscript is that it addresses an interesting and timely question, providing an expert opinion and intended to present the current status of transplantation and a broader aspect in this field, including biotechnology, computational medicine, negative financial attitude, and influence of COVID-19.   In general, I think the idea of this editorial is really interesting and the authors' fascinating observations on this timely topic may be of interest to the readers of World Journal of Transplantation. However, some comments, as well as some crucial evidence that should be included to support the authors' argumentation, needed to be addressed to improve the quality of the manuscript, its adequacy, and its readability prior to the publication in the present form. My overall opinion is to publish this editorial after the authors have carefully considered my suggestions below, particularly expanding the body of the manuscript by adding more evidence. Please consider the following comments: 1. First, I suggest reading Guidelines for Authors (https://www.wjgnet.com/bpg/gerinfo/204) and particularly ones for the editorial format (https://www.wjgnet.com/bpg/GerInfo/214). Please present the authors' ORCID

numbers, abstract, and core tip, which are missing in the manuscript. 2. Title: I recommend that the authors present the title self-explanatory and stating what the authors aim to or expect from this special issue. 3. Abstract: Abstract: Please present the abstract with 200-250 words and proportionally present the background, the objectives, and the expectation of this special issue. The background should include the general background (one to two sentences), the specific background (two to three sentences), and current issue addressed to this special issue (one sentence). The conclusion should include one sentence describing the main message of the authors, the potential and the advance this article has provided in the field, and finally a broader perspective (two to three sentences) readily comprehensible to a scientist in any discipline. 4. Keywords: Please list relevant six keywords according to the journal's guideline and use as many keywords as possible in the first two sentences of the abstract. 5. The body of manuscript: Please fully expand this section with 1200-1500 words. I recommend that the authors present several paragraphs describing introduction, discussion, and conclusion. Introduction is expected to provide the main constructs of the topic, which should be acknowledgeable to a reader in any discipline, so that the authors make this section persuasive enough to put forward the main purpose of current research the authors conduct and the specific purpose the authors have intended by this special issue. So, I would like to encourage the author to present the introduction starting with the general background, proceeding to the specific background, and finally the current issue addressed to this special issue. Those main structures should be arranged in a logical and cohesive manner. 6. The next paragraphs are expected to discuss the potential of this special issue complementing as the extension of the current understanding, the implication of the authors' opinion, how this special issue could facilitate future research, the ultimate goal, the challenge, the knowledge and the technology necessary to achieve this goal, the statement about this field in general, and finally the importance of this line

of research. 7. Finally, I believe that the manuscript would benefit, if the authors explain the theoretical implication as well as the translational application of this research by adequately conveying what they believe is the take-home message. I believe that it would be necessary to discuss theoretical and methodological avenues in need of refinement, as well as suggestions of a path forward in transplantation research. 8.

References: I recommend presenting references to ensure the reliability and the integrity in evidence that the authors develop the arguments in this editorial. Those references may also serve as the list of suggested reading with which the authors orient a redear to understanding the topic and future research direction. Overall, the manuscript contains three 360 words. I believe that this manuscript may carry important value in discussing the current status in transplantation research and its challenge. I hope that this special issue attracts many submissions and directs us to stat-of-the-art transplantation technology, research, current issues, and a future path. I declare no conflict of interest regarding this manuscript. Best regards, Reviewer

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Peer-reviewer	Peer-Review: [ ] Anonymous [Y] Onymous

statements	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

17 January 2022   The 2nd review report on the manuscript titled 'Translational research and innovation in modern transplant practice: paradigms from Greece and around the world' by Tsoulfas G et al., submitted to World Journal of Transplantation Manuscript ID: 81981   Dear Authors,   I pleased to see that the authors took my comments seriously and have solved most issues I raised in the previous round of the peer-review session. Currently, the manuscript is a well written and nicely presented editorial introducing introduced transplantation research as a multidisciplinary field with on-going challenge in tolerance and immunosuppression. I just ask the authors to consult with the Editorial Office if the abstract needs the subheadings like an original paper. I believe that the manuscript meets the journal's high standard for publication. I looking forward to seeing more papers written by the same authors. Thank you.   I declare no conflict of interest regarding this manuscript.   Best regards,   Reviewer