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JOURNAL EDITORIAL BOARD'S REVIEW REPORT

Name of journal: World Journal of Transplantation

Manuscript NO: 88370

Title: Pathophysiology of acute graft-versus-host disease from the perspective of hemodynamics determined by dielectric analysis

Journal Editor-in-Chief/Associate Editor/Editorial Board Member: Fernando M Gonzalez

Country/Territory: Chile

Editorial Director: Jia-Ping Yan

Date accepted review: 2023-11-21 12:31

Date reviewed: 2023-11-21 12:31

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair		<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Major revision

JOURNAL EDITORIAL BOARD COMMENTS TO AUTHORS

Comments on Pathophysiology of acute graft-versus-host disease from the perspective of hemodynamics determined by dielectric analysis The manuscript is very interesting and novel, but it has the problem that its content is almost unknown for clinicians. The authors try to mitigate this problem explaining what is dielectric analysis, but in Methods section, not in the Introduction, precluding almost all the readers get interest in the further text. Moreover, authors intent to explain what they do showing the data of two representative patients, one with and the other without graft versus host disease, but are those results consistent with the other patients from Table 1? In results section it is stated that "Decreased expression of band 3 is one of the causes of hereditary spherocytosis". Who did mention that a patient has that disease? Does hereditary spherocytosis need a hematopoietic stem cell transplantation (HSCT)? I think not, but it is not easily understandable why



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do authors mention it. Figure 8 is amazing, but it is not understandable how dielectric analysis is able to explain it. In summary: I did not understand neither the full technique of dielectric analysis, its clinical usefulness nor the possible application in HSCT, but, anyway, I got interest in further learning in that topic. I think that the manuscript is suitable to be publish in the Journal, but I suggest a friendlier description of dielectric analysis and how can collaborate this technique in the clinical care of HSCT patients.