



PEER-REVIEW REPORT

Name of journal: *World Journal of Transplantation*

Manuscript NO: 88370

Title: Pathophysiology of acute GVHD from the perspective of hemodynamics determined by dielectric analysis

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 00503228

Position: Editorial Board

Academic degree: MD

Professional title: Doctor

Reviewer’s Country/Territory: Iran

Author’s Country/Territory: Japan

Manuscript submission date: 2023-09-22

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-10-19 10:54

Reviewer performed review: 2023-10-20 07:26

Review time: 20 Hours

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 Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation



Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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

SPECIFIC COMMENTS TO AUTHORS

Very interesting study, though the conclusion ("as an interesting and unique biomarker, as well as a target for therapeutic intervention.") might be controversial in terms of clinical implications. To be able to judge on the diagnostic value, there would be need to provide sensitivity and specificity rates. Moreover to argue on the therapeutic value of your finding, there is need for a trial. Moreover, to find potential associations of De alterations, I would have done much more extensive study of different markers including inflammatory markers ESR, ferritin, plasma viscosity, different cytokines especially IL6 & 1 & 2 & 8, TNFR1, procalcitonin, haptoglobin, and serum electrolytes, immunoglobulin levels and so on.