PEER-REVIEW REPORT

Name of journal: *World Journal of Transplantation*

Manuscript NO: 89772

Title: Immunology Demystified: A Guide for Transplant Hepatologists

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 04015916

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Croatia

Manuscript submission date: 2023-11-12

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-12-12 00:54

Reviewer performed review: 2023-12-14 13:37

Review time: 2 Days and 12 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [ ] Grade B: Good [Y] Grade C: Fair [ ] Grade D: No scientific significance
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	[ ] Yes [Y] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This article gives a feeling that the author seems to want to summarize it in a big and comprehensive way, but it is broad and not precise, and it seems to cover everything, but no part is in-depth research.

PEER-REVIEW REPORT

Name of journal: *World Journal of Transplantation*

Manuscript NO: 89772

Title: Immunology Demystified: A Guide for Transplant Hepatologists

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 03293239

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Spain

Author's Country/Territory: Croatia

Manuscript submission date: 2023-11-12

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-12-18 11:23

Reviewer performed review: 2023-12-27 10:58

Review time: 8 Days and 23 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[Y] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This is an interesting article on the immunological mechanisms related to different clinical complications that occur after liver transplantation. They accompany the review of tables on the mechanisms of immunosuppressive drugs and on markers of different complications. The review is very complete and is potentially useful to specialists who work with liver transplantation. As it focuses on the mechanisms that are related to rejection and its therapies, the possible prevention of its complications is not sufficiently addressed. We suggest briefly including some content on immune monitoring to prevent infectious complications. For example, immune monitoring of IgG levels and its possible role in predicting infections. For the rest, it is an article that should be published.