

## Peer Review File

Article information: <https://dx.doi.org/10.21037/hbsn-23-180>

Comment 1 : You may comment about ambiguity of diagnosis of ACR briefly

Reply 1 : We agree that the diagnostic ambiguity of ACR caused by different donor types. According to your suggestion, we therefore added the diagnostic ambiguity and heterogeneity in this article.

Changes in the text: we have modified our text as advised (see Page 4, line 3~6 and line 15~17)

Comment 2 : You may comment about mechanistic theory/hypothesis about ACR/ MP/ DCD liver

Reply 2 : As you suggested, we have responded to the possible hypotheses of ACR/MP/DCD and modified our text as advised. We speculate that MP may play a better therapeutic role on poor quality donor liver, which thus alleviate the IRI-associated innate immune response and reduce the risk of acute cellular rejection after LT.

Changes in the text: see Page 4, line 15~ Page 5, line 3