

## **Response to Reviewers**

We would like to thank the Reviewers for their helpful suggestions and to address their concerns. As suggested, we did minor English polishing as well.

### **Reviewer 1:**

This manuscript is an interesting review, and with some significance. I suggest more latest References should be involved in this paper.

**Response:** As suggested, we added the latest references (please see ref 8,17,31,32,44,107,108,113).

### **Reviewer 2:**

1. There is some evidence that the load of antigen is essential to trigger the liver damage. Concerning T-cells an inverse correlation of load and T-cell function is assumed. The topic should be addressed concerning HIV and the viral load.

**Response:** We added the information about the role of viral load in HIV-related liver damage at the end of the part: Clinical Evidence of HIV-related liver damage. These changes are marked in red.

2. The co-infection with hepatotropic viruses is addressed in the body of the manuscript but not in the abstract.

**Response:** Now we addressed co-infection with hepatotropic viruses to the abstract (marked in red)

3. In the Figure, therapeutic targets should be marked.

**Response:** In this review, as a therapeutic strategy, we discussed only the effects of ART, which blocks HIV replication/integration and other HIV-related events. These effects of ART are included now to Fig.1 and Figure legend.