

Reviewers point by point reply.

Reviewer 1: In this paper, the development history of HBV treatment after liver transplantation is introduced in detail, and the evolution of HBV recurrence prophylactic protocols strategy is reviewed briefly and accurately, which is helpful for the future anti HBV recurrence treatment after liver transplantation. It is suggested to accept the publication of the paper.

Authors: We appreciated the good comment of the reviewer.

Reviewer 2: This review is generally comprehensive and well-written. Comment 1. The title "HBV recurrence after liver transplantation in the third millennium: an old tale or a clear and present danger?" does not match the review quite well. I cannot see the in-depth perspectives on this issue which shed light on the third millennium. The paragraphs (Page 8-10) which tried to illustrate this topic is mostly history review and also lack of future perspective. I wonder if this review content deserves its name. 2. Ref 94 in Figure 1 is actually ref 84? 3. Figure 1 seems unnecessary. 4. I would suggest a subtitle for each paragraph to provide readers a quick summary what's the current status and future perspectives.

Authors: Thank you for the comment. According to the suggestions: 1) the title was changed in "HBV recurrence after liver transplantation: an old tale or a clear and present danger?"; 2) Figure 1 was removed and a new table (Table 2) was included in the paper; 3) Paragraphs, as suggested, were reformatted with subtitles or subparagraphs in order to improve clarity.

Reviewer 3: 1. Historical aspects could be shortened. 2. The trial for the active vaccination had better be addressed in one section. 3. Please refer to recent NA, TAF (tenofovir alafenamide), in the association with the use for the prevention of HBV recurrence after LT.

Authors: Thank you for the suggestions. 1) Historical aspects were shortened in particular in the paragraph "HBV recurrence in the early times."; 2) HBV vaccination was reported in a specific subparagraph; 3) TAF results (with the corresponding reference) were reported in the "conclusion" paragraph.