

## Answer to Comments

### **Reviewer #1:**

In this well written manuscript, the authors summarized the present methods of immunotherapy in HCC. The review discussed the progressions and difficulties of different immunotherapy.

#### **1. There is a mistake in the third line of abstract.**

Ans: The corrections is made in the third line of manuscript.

### **Reviewer #2:**

**1. Some parts of the article have improper logic. For example, the sentence “HCC, on the other hand, the sentence "has a variety of causes and can avoid the body's immune system via a variety of mechanisms." appears suddenly in the abstract. What is the relationship between the immune escape mechanism of HCC and immunotherapy? I hope the author can briefly explain.**

Ans: The sentence is corrected.

**2. There are some traces of revision in the article, such as unremoved fluorescent marks. I hope the author can review the manuscript carefully and provide the final manuscript as required.**

Ans: The fluorescent marks are removed and revised final manuscript is attached.

**3. The author should pay attention to the wording when quoting the literature. For example, whether "our team" is appropriate in the sentence " In a recent study, our team found that by dividing the CAR design into two parts, HCC tumours may be removed with a lower level of proinflammatory cytokines (split GPC-3 CAR-T cells) (Liu et al., 2020)."**

Ans: The term “our team” is removed from the manuscript.

**4. At present, there are many review articles on HCC immunotherapy, and it is hoped that the author can further supplement the contents to enhance the novelty of the articles.**

Ans: The updated content (Dual therapies with Immune Checkpoint Inhibitors and Immunotherapy Toxicities and Management) is incorporated in the manuscript to enhance the novelty of the article (Page no 8-10; 25-27).

**Reference:** Foerster F, Gairing SJ, Ilyas SI, Galle PR. Emerging immunotherapy for HCC: A guide for hepatologists. Hepatology. 2022 January.

**5. The deficiencies and developmental obstacles of HCC immunotherapy need to be further discussed in detail.**

Ans: The toxicity and their management of immunotherapy is discussed in the manuscript as the obstacle of HCC immunotherapy (Page no 25-27).

**6. There are some grammatical mistakes, improper language and unclear meaning in the article. I hope the author will check the article carefully. For example, in the abstract, the position of the "and" in the sentence "Surgery, radiofrequency ablation, chemotherapy and are three common treatment options for HCC." seems inappropriate.**

Ans: The statement is corrected with appropriate data (Page no. 1; Abstract).

**Editor Comments:**

**1. Please provide decomposable Figures (in which all components are movable and editable), organize them into a single PowerPoint file.**

Ans: The figures are created by bio render software so unable to give editable figures. But we have pasted the original figures in PPT and uploaded.

**2. Please authors are required to provide standard three-line tables, that is, only the top line, bottom line, and column line are displayed, while other table lines are hidden.**

Ans: The table is formatted as per the requirement of journal.