

First of all, I would like to thank the responsible editors and the review experts for your careful reading and review of my manuscript.

Next, I will make peer-to-peer responses to changes everywhere.

Reviewer #1: The authors of the review article entitled " A new dawn in the era of immunotherapy: ANT XR1" presented new advancements in immunotargeting cancer cells through the tumour endothelial receptor (TEM8/ANT XR1). The authors collected valuable information on recent research breakthroughs in the field of different selected cancers. The article is well written, the title and keywords reflect the content of the article. The abstract is informative and concise. Minor comments: 1. Introduction: - in the sentence "So far, malignant tumor is still the greatest threat to human health, most patients are found in the late stage, lost..." replace "found" with "diagnosed" or similar appropriate word. - "For advanced patients" consider replacing patients with cancers or rephrase the sentence accordingly. 2. Page 2: - in the sentence "...which may be closely related to tumor occurrence and development and tumor metastasis." Replace development and with development of. - consider replacing the word "stolen" with more appropriate word in the "...the surface receptors stolen by anthrax toxins from bacteria." - consider rephrasing the sentence "The combination of uPA can promote the phosphorylation of ANT XR1 and enhance the phosphorylation of EGFR and ERK1/2." to clarify the meaning - it is not clear what the term the combination of uPA describes, the combination of uPA and what else - consider replacing "swelling" in the sentence "Solid tumors have a hidden ability to nourish their swelling and..." with more appropriate term 3. Page 3: - could you clarify to which median was the median expression of ANT XR1 in tumour cells compared to in the sentence "The results showed that the median expression of ANT XR1 in ...". 4. Page 4: - consider adding the development of better treatment(s) in the sentence "There is exciting news from a variety of studies at home and abroad, but for advanced cancer, there is still a need for better treatment and..." - consider changing more into different in the sentence "There are some questions that need to be further explored, such as: whether ANT XR1-CAR-T cells can be used in more cancers..."

Thank you for your comments. All the details and language issues have been completely revised in accordance with your requirements in the article. I think your comments are very valuable and useful to me, and have improved the quality of my article. Thank you very much.

(1) The "Author Contributions" section is missing. Please provide the author contributions; Author Contributions have been completely revised

(2) The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s); I will upload the articles I need.

(3) The authors should add some figures or tables;

I added two tables to the article to make the expression of the article clearer.

(4) PMID and DOI numbers are missing in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout;

reference list have been completely revised