

Review Form 3

Journal Name:	Asian Journal of Advanced Research and Reports
Manuscript Number:	Ms_AJARR_121083
Title of the Manuscript:	Accessibility and Inclusivity of Car T-cell Immunotherapy in Treating Hematological Malignancies
Type of the Article	Review Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript holds significant importance for the scientific community as it delves into the advancements in CAR-T cell therapy for different hematological carcinomas. The detailed exploration of new targets and mechanisms provides valuable insights that could enhance the efficacy and safety of this innovative treatment. I particularly appreciate the manuscript's comprehensive analysis of the challenges and potential solutions in CAR-T cell therapy, as it offers a balanced perspective on both the promise and the complexities of this approach. However, some sections could benefit from clearer explanations and more precise terminology to improve readability and understanding.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes, the article title is suitable</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract of this article is comprehensive, it does not need any addition or deletion of any points</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Numberings should be added for each sub sections, rest is fine</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript appears scientifically robust and technically sound because of thorough and detailed explanation of CAR-T cell therapy mechanisms.. It accurately describes the process of leukapheresis, genetic modification of T-cells, and the subsequent lymphodepletion regimen, all supported by relevant studies and references. The inclusion of both established and emerging techniques, such as CRISPR/Cas for genetic modification, further underscores the manuscript's commitment to incorporating the latest scientific advancements in the field</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>References are not adequate, specific references should be added</p>	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes the language of the article is suitable for scholarly contribution</p>	
<p>Optional/General comments</p>	<p>1) Introduction: Please write about the background information on haematological malignancies and T-Cells. With statistical data about mortality rate, OS, RFS. 1.1) Address the Lacuna of the field. 2) ALL: Cite specific research papers to show effectiveness of the next generation CAR-T cells 3) CLL: As you have mentioned that CLL varies in its clinical course and response to chemotherapy, but it's important to specify how it varies. Clarify use of CAR-T cells post-allo-HSCT and the risks associated with donor lymphocyte infusions. 4) General: With help of the charts mention the statistical inference on OSR, RFS and Outcome of CAR-T cell therapy. Do a Comparison study between first generation and later generation CAR-T cells With a table explain about the toxicity assessment (In vivo) Present table on clinical trials of CAR-T cells with clinical trial ID. Recent ones 5) Use illustration for mechanism, use concise and simple words in this section for better understanding "Through a viral vector, usually lentivirus or rotavirus," please provide a specific reference for rotavirus. Talk about combinational therapy and also mention why it is better than traditional CAR-T. Mention about the immune checkpoint inhibitors like PD-1, PD-L1, CTLA-4. Also mention clinical trials of combinational therapy and add a section on State of the Art researches in this field. In Future direction mention about CAR-NK as an alternative</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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<p>Department, University & Country</p>	<p>University of Miyazaki, Japan</p>