

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 76977

Title: Cytokine release syndrome complicated with rhabdomyolysis after chimeric antigen receptor T-cell therapy: case report and literature review

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05817733

Position: Peer Reviewer

Academic degree: PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Iran

Author's Country/Territory: China

Manuscript submission date: 2022-04-14

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-05-22 13:37

Reviewer performed review: 2022-05-24 01:13

Review time: 1 Day and 11 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Dear authors CAR-T Cell therapy is an emerging, new, and advanced therapy for all cancers especially for hematologic malignancy. cytokine storm is one of the main complications of this new treatment. your manuscript defines a valuable case that must be revised carefully: the discussion must be expanded. the conclusion must be added. the relevant cases must be compared.

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Peer-review model: Single blind

Reviewer's code: 05430684

Position: Peer Reviewer

Academic degree: MD, MSc, PhD

Professional title: Chief Doctor

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2022-04-14

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-05-21 16:17

Reviewer performed review: 2022-05-25 21:09

Review time: 4 Days and 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: [<input type="checkbox"/>] Anonymous [<input checked="" type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

I studied carefully the manuscript entitled "Cytokine release syndrome complicated with rhabdomyolysis after CAR-T therapy in relapsed acute lymphoblastic leukemia: a case report and literature review" by Zhang L. et al. This is the first described case of rhabdomyolysis in the setting of CAR-T-associated cytokine release syndrome. The manuscript is generally well prepared, despite some minor typos and syntax errors. However, before considering publication, some issues could be discussed with the authors. Major issues - The manuscript is too narrative and basic information lack (e.g. renal function, liver biochemistry, etc). Therefore, it could be benefited by an informative table regarding all clinical and laboratory findings during the disease course. - How was the referred bilateral pneumonia treated? Minor issues - Please amend "motality" for "mortality" (end of first paragraph) - Please clarify the meaning of the phrase "The bone marrow aspiration test indicated after one month of CAR-T treatment".

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Peer-review model: Single blind

Reviewer's code: 05430684

Position: Peer Reviewer

Academic degree: MD, MSc, PhD

Professional title: Chief Doctor

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2022-04-14

Reviewer chosen by: Ji-Hong Liu

Reviewer accepted review: 2022-07-06 10:38

Reviewer performed review: 2022-07-06 10:51

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Thank you for clarifying all issues raised during the review process. The quality of the manuscript has been ameliorated. The work is certainly innovative and interesting enough to merit publication.