



**Baishideng
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PEER-REVIEW REPORT

Name of journal: *World Journal of Experimental Medicine*

Manuscript NO: 86421

Title: Neurologic Orphan Diseases: Emerging Innovations and Role for Genetic Treatments

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05742562

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2023-06-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-06-18 01:42

Reviewer performed review: 2023-06-20 03:48

Review time: 2 Days and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input checked="" type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input 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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This manuscript provides an overview of the pathogenic mechanisms, recent advances, and therapeutic approaches related to Neurologic Orphan Diseases. It elaborates on the following diseases: Spinal Muscular Atrophy (SMA), Duchenne Muscular Dystrophy (DMD), Down Syndrome (DS), Lennox-Gastaut Syndrome (LGS), Friedreich's Ataxia (FRDA), Prader-Willi Syndrome (PWS), Angelman Syndrome (AS), Amyotrophic Lateral Sclerosis (ALS), Huntington's Disease (HD), and Neurofibromatosis (NF). Additionally, it provides a detailed summary of the latest gene therapy advancements and progress for different types of diseases. The manuscript demonstrates a strong command of language, holds clinical value, adheres to the journal's requirements for references, and carries significant guidance in the field. Overall, this manuscript is a well-written narrative review and is recommended for acceptance by the journal.



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Peer-review model: Single blind

Reviewer's code: 05817430

Position: Peer Reviewer

Academic degree: PhD

Professional title: Academic Research, Research Scientist

Reviewer's Country/Territory: Iran

Author's Country/Territory: United States

Manuscript submission date: 2023-06-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-06-24 04:16

Reviewer performed review: 2023-06-28 08:28

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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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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 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
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

SPECIFIC COMMENTS TO AUTHORS

In the present scientific review paper, the authors represent the “Neurologic Orphan Diseases: Emerging Innovations and Role for Genetic Treatments”. In detail, the paper is well done, but I have some minor concerns about the paper which are listed as follows:

- There are some minor grammatical errors in the text. Please control the text in that manner.
- Please modify the “Abstract”. Abstract: The abstract should state briefly the purpose of the study, the principal results, and major conclusions.
- Introduction is short and should be modified.
- The figures shown are not at high resolution. The figures need proper figure legends (the figure legends are very short).



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Peer-review model: Single blind

Reviewer's code: 05817547

Position: Peer Reviewer

Academic degree: PhD

Professional title: Postdoctoral Fellow

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: United States

Manuscript submission date: 2023-06-17

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-06-26 08:57

Reviewer performed review: 2023-06-29 08:47

Review time: 2 Days and 23 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
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input checked="" type="checkbox"/> Grade D: No novelty
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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

SPECIFIC COMMENTS TO AUTHORS

In this manuscript, the authors have evaluated “Neurologic Orphan Diseases: Emerging Innovations and Role for Genetic Treatments”. Overall, this manuscript provides valuable and valid data. I do not see any major issues in this manuscript; however, a few minor issues need to be addressed as pointed below: 1-The manuscript must be carefully proofread for grammar, spelling, and punctuation issues. 2. It is recommended that the mechanism of gene therapy approaches mentioned in the manuscript, be briefly described.