

Reviewer #1:

**Scientific Quality:** Grade C (Good)

**Language Quality:** Grade B (Minor language polishing)

**Conclusion:** Minor revision

**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.

Thank you for mentioning this. The manuscript has been reread and run through an editing software to address any grammatical errors.

2. It is recommended that the mechanism of gene therapy approaches mentioned in the manuscript, be briefly described.

Thank you for mentioning this. The authors have included a description of the gene therapies in the introduction section.

Reviewer #2:

**Scientific Quality:** Grade C (Good)

**Language Quality:** Grade B (Minor language polishing)

**Conclusion:** Minor revision

**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.

Thank you for pointing this out. The manuscript has been reread and run through an editing software to address any grammatical errors.

-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 introduction has been modified to include more information on the certain gene therapy approaches that are discussed further in the manuscript.

-The figures shown are not at high resolution. The figures need proper figure legends (the figure legends are very short).

Thank you for mentioning this. The resolution of the figures should be improved. Additionally, longer figure legends were included for the figures.

Reviewer #3:

**Scientific Quality:** Grade B (Very good)

**Language Quality:** Grade B (Minor language polishing)

**Conclusion:** Accept (General priority)

**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.

Thank you!