

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 77809

Manuscript Type: CASE REPORT

Familial mitochondrial encephalomyopathy, lactic acidosis, and stroke-like episode syndrome: A case report

Dear Editor:

Thank you for the opportunity to revise our manuscript. We appreciate the feedback and helpful suggestions. We have prepared point-by-point responses to the comments, which are attached to this document. The revisions have been drafted in consultation with all coauthors, and each author has given approval to the final form of the revisions.

Thank you for your consideration.

Reviewers' comments:

Reviewer 1:

The manuscript of "Familial mitochondrial encephalomyopathy with lactic acidosis and stroke-like episode syndrome : a case report" by Xiao Yang and Le-Jun Fu aims to review clinical manifestations, muscle pathological examination, and genetic testing in three clinical cases of familial MELAS syndrome. The manuscript is well written, and it describes some recommendations for the management of patients with MELAS syndrome and their families. The manuscript may be accepted for publication in its current form.

Reply: Thank you for the valuable comment. Our point-by-point response is below.

Comment: In the Discussion section, the role of mtDNA A3243G, A8344G and T8933C (G) gene mutations found in the patients can be discussed in more detail.

Reply: We completely agree and considering your comment, have read the literature about ME more carefully. We have added additional content to the Discussion and References (page 11 lines9-29, page 15 line 8-12). Before revising the manuscript, we found that T8993C (G) was mistakenly written as T8933C (G). We apologize for the error and have made the necessary correction (page 11 line 16).

Reviewer 2:

Comment: On MRI figure legends, axial plane MR should be used instead of "Cross-sectional" expression. In the first sentences describing the images of the cases in the imaging examinations section, the expressions "hypointense T1 or hyperintense T2" are preferred instead of "long T1 and long T2 signals". Please make the necessary changes.

Reply: Thank you for the valuable comments and suggestions. We have edited the manuscript accordingly (page 6 lines 21-22, page 6 line30, page 10 lines14-15, pages 17,19-20 MRI figure legends).

We deeply appreciate your consideration of our revised manuscript, and look forward to hearing from you soon.

Yours sincerely,
Xiao Yang