

Reviewer #1:

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

**Language Quality:** Grade A (Priority publishing)

**Conclusion:** Minor revision

**Specific Comments to Authors:** This is an interesting manuscript aimed at describing the pathophysiology and treatment approaches for fatty acid oxidation defects (FAOD) and urea cycle defects (UCD). The manuscript is generally well-written and has scientific value, given the relevance and complexity of the subject. I would add a single suggestion: a brief discussion of available epidemiological data for both conditions.

*Response:*

*We thank you for the comments. As per your suggestion epidemiological data about both the conditions have been added. They are marked in blue font.*

(1) Scientific quality. The manuscript is within the scope of the journal and the scientific quality classification of the manuscript was good. a) Classification: Grade B; Summary of the Peer-Review Report: This is an interesting manuscript aimed at describing the pathophysiology and treatment approaches for fatty acid oxidation defects (FAOD) and urea cycle defects (UCD). The manuscript is generally well-written and has scientific value, given the relevance and complexity of the subject. b) . However, this review needs major revision. c) Format: 4 figures and 1 tables. d) References: A total of 42 references are cited, including 5 references published in the last 3 years. More newer references should be added. e) Self-cited references: No Self-cited references. (2) Language evaluation: Classification: Grade A. (3) Academic norms and rules: the signed Conflict-of-Interest Disclosure Form and Copyright License Agreement is missing. The Institutional Review Board Approval Form and sWritten informed consent was waived. No academic misconduct was found by the Bing search. (4) Supplementary comments: This is an invited manuscript. No financial support was obtained for the study. The topic has not previously been published in the WJH. (5) Issues raised: (6) Re-Review: Not required. (7) Recommendation. minor revision.

*Response:*

*We thank you for the comments. More new references have now been added to the manuscript. They are marked in blue font.*

*The signed Conflict-of-Interest Disclosure form and Copyright License agreement have been added.*