

#### Reviewer#1

**Comments:** This is a very nice review on the role of mitochondria on the age-related development of NAFLD. The review is comprehensive, but I suggest the authors to also discuss some aspects of gut microbiota influence and relationship with the mitochondrial dysfunction in elderly, as well as the potential influence of comorbidities that are more frequently seen among the old people.

**Answer:** Thank you very much for your good suggestions and questions. We have revised our manuscript as your suggestion and given some explanations, which are listed below:

New paragraphs about mitochondria and the gut microbiome have been added. Appreciation of the role played by the gut microbiome has increased rapidly in recent years, we discuss some aspects of gut microbiota influence and their relationship with mitochondrial dysfunction in the elderly.

#### Reviewer#2

**Comments:** This is a review article regarding the role of mitochondrial dysfunction in the progression of NAFLD in the elderly. Liver metabolism imbalance and mitochondrial dysregulation play a key role in the development of NAFLD. Authors provide new ideas for the development of innovative drugs for the prevention and treatment of NAFLD from the viewpoint from PPAR ligand, hepatoprotection, mitochondrial ROS and mitophagy. The quality of this article is good.

**Answer:** Thank you very much for your comments.