Reviewer 1

The manuscript described the issue of the muscle atrophy in type 2 diabetes. The direction of the manuscript is unclear. The authors repeatedly state the complexity of pathogenesis and problem in health care on muscle atrophy in type 2 diabetes. However, the description is superficial and unclear. If a role of gene Mitofusin-2 in muscle atrophy is novel, the description needs to be focused on the novel role of the gene. The manuscript is submitted as Editorial. A novel point needs to be clearly presented to readers. Precise and concise list of important references, which supports the understanding of a novel point, should be followed. The numbers of references do not exceed more than 10. There are strange sentences and mistakes of typing. The manuscript needs thorough revision and editing.

Response: Thank you for your insightful comments and suggestions regarding our manuscript. We appreciate the opportunity to clarify and enhance our work to meet the esteemed standards of *World Journal of Orthopedics*.

Clarifying the Manuscript's Direction: We understand your concerns regarding the manuscript's core theme. To address this, we revised the introduction and conclusion more distinctly outline the central theme: the role of Mfn-2 in muscle atrophy in T2DM. This revision will ensure a coherent flow and clear presentation of our novel findings.

 Deepening the Discussion on Mfn-2: We recognize the need for a more in-depth discussion on the novel role of Mfn-2. In the revised manuscript, we expand on the mechanistic pathways and implications of Mfn-2 in muscle atrophy, providing a more comprehensive understanding of its significance in the context of T2DM.

Manuscript Format and Novelty: As per your suggestion, we refined the manuscript to fit the format of an Editorial, focusing on the novelty and relevance of our findings. We will ensure that the novel aspects of our research are clearly highlighted and easily comprehensible to our readers.

References and Supporting Literature: Acknowledging the importance of a precise and concise reference list, we curate and limit our references to the most pertinent and impactful studies, ensuring they do not exceed the specified limit of 10. Therefore,it will shorten our manuscript compared with the original revision.

Editing and Proofreading: We apologize for the errors and unclear sentences in the initial submission. We undertake a thorough revision and proofreading process to rectify these issues, ensuring the manuscript adheres to the high linguistic standards expected by *World Journal of Orthopedics*.

Reviewer 2

1) Please write the problem statement or research gap (What you want to do and why) in introduction clearly. 2) Based on these gaps, write your contributions very specifically at the end of Introduction in bullet points. 3) Write the related works group wise. Please make group with similar type of papers and the review those papers analytically. At the end of related works, please write what are you going to solve. 4) Please read and cite: a) Predicting the onset of type 2 diabetes using wide and deep learning with electronic health records (2019), b) Early detection of type 2 diabetes mellitus using machine learning-based prediction models (2020), c) Analysis the Significant Risk Factors on Type 2 Diabetes Perspective of Bangladesh (2018), d) Diabetic Retinopathy Detection Using PCA-SIFT and Weighted Decision Tree (2019), e) Prediction of type 2 diabetes using machine learning classification methods(2020)

Response: We are grateful for the opportunity to revise our manuscript in accordance with the guidelines and standards. In response to the feedback, we have made comprehensive revisions to our manuscript as follows:

Problem Statement and Research Gap in the Introduction: We have clarified our problem statement, emphasizing the critical need to understand the genetic underpinnings of muscle atrophy in patients with type 2 diabetes. Despite significant advancements in diabetes research, this specific aspect remains underexplored. Our revised introduction now clearly outlines this research gap, setting a precise context for our study. We also elucidation of the role of Mitofusin-2 in muscle atrophy specific to type 2 diabetes and cite the related references as you recommended.