

PEER-REVIEW REPORT

Name of journal: World Journal of Biological Chemistry

Manuscript NO: 66644

Title: Culprits or Consequences: Understanding the Metabolic Dysregulation of Muscle in Diabetes.

Reviewer's code: 05040445

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor, Chief Physician, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: United States

Manuscript submission date: 2021-03-31

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-09 16:55

Reviewer performed review: 2021-04-13 06:55

Review time: 3 Days and 13 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

The topic of this review mainly highlights key cross-over interactions between protein and glucose regulatory pathways in muscle and understanding the Metabolic Dysregulation of Muscle and Diabetes may help to design new therapeutic targets for the control of glucoregulatory function in skeletal muscle. It's an interesting topic. I have some comments about this. 1. The title seems a little confused. I would like to see "Understanding the Metabolic Dysregulation of glucose in Muscle in diabetes" 2. The subtitles is not clear. Sometime use molecular and sometime use a very different way like "excise", It's better to put them in a logical way.