

PEER-REVIEW REPORT

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Title: Obesity, metabolic health and omics: Current status and future directions

Reviewer's code: 02533234

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Poland

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Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-01-13 11:46

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" 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

Obesity has heterogeneity on metabolic status and can be divided into MHO and MUO, however, the mechanism of metabolic change in obesity still remains to be uncovered. This manuscript has reviewed the progress of multi-omics on this field and provided new information on understanding the biomarkers and mechanisms of MHO and future directions on MHO research. This was well-presented. When presenting the findings of the omic, please add the information of the criteria of diagnosis for MHO.