



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**Manuscript NO:** 62585

**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

**Manuscript submission date:** 2021-01-12

**Reviewer chosen by:** Jin-Lei Wang

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

**Reviewer performed review:** 2021-01-19 03:25

**Review time:** 5 Days and 15 Hours

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 Grade E: Do not publish            |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