

We thank the Editor and the Reviewers for the time spent in reviewing our manuscript and for the opportunity to resubmit it after appropriate revision. Changes made have been highlighted in yellow in the revised version of the text.

Reviewer #1:

**Scientific Quality:** Grade C (Good)

**Language Quality:** Grade B (Minor language polishing)

**Conclusion:** Major revision

**Specific Comments to Authors:** The occurrence of microalbuminuria in children with obesity is an emerging issue. In this paper, the authors attempted to address three debated questions regarding the intriguing relationship between insulin-resistance and microalbuminuria in children with obesity: 1) what is the prevalence of pediatric MA? 2) Which is the state of art of MA in children with obesity? and 3) Is there a link between IR and MA in children with obesity? In general, this paper is well written and provides some useful information. However, I have the following concerns: 1. This paper is aimed to reviewing 'the tangled relationship between insulin resistance and microalbuminuria in children with obesity', however, there is only a small part of text devoting to the relationship. I suggest that the authors either revise the title to reflect the content of the whole manuscript or provide more information on the relationship.

Answer: thank you for your valuable comment. We agree with your observation and we are aware that the section regarding the relationship between IR and MA is relatively limited. To date, there are no extensive scientific data examining this intriguing association in childhood. However, we presented and discussed in a more specific manner the available evidence in this field in the revised version of the manuscript. Please see lines 231-232 and 241-256 of the revised version of the text .

2. In the paragraph 'INSULIN RESISTANCE AND MA IN CHILDHOOD OBESITY: IS THERE A LINK?', some key statements lack references.

Answer: we added the missing references in the paragraph. Please see lines 230-256 of the revised version of the manuscript.

3. This manuscript needs a minor editing work. For example, remove 'by' from 'by suggesting' and 'by supporting'; remove 'female' from 'female sex'; remove 'and' from 'Given and'; revise the first sentence in the Introduction section; revise 'In this context, MA and obesity a similar and additive effect on the risk of death'; remove 'and' from 'the central role of these factors and in the development of kidney damage'.

Answer: Thank you for your comment. We edited the text accordingly. Please see the revised version of the text.

Reviewer #2:

**Scientific Quality:** Grade C (Good)

**Language Quality:** Grade B (Minor language polishing)

**Conclusion:** Minor revision

**Specific Comments to Authors:** 1 Title. Does the title reflect the main subject/hypothesis of the manuscript? Yes 2 Abstract. Does the abstract summarize and reflect the work described in the manuscript? Yes 3 Key words. Do the key words reflect the focus of the manuscript? Yes 4

43 Background. Does the manuscript adequately describe the background, present status and  
44 significance of the study? Yes 5 Methods. Does the manuscript describe methods (e.g., experiments,  
45 data analysis, surveys, and clinical trials, etc.) in adequate detail? Yes 6 Results. Are the research  
46 objectives achieved by the experiments used in this study? What are the contributions that the study  
47 has made for research progress in this field? NA 7 Discussion. Does the manuscript interpret the  
48 findings adequately and appropriately, highlighting the key points concisely, clearly and logically?  
49 Are the findings and their applicability/relevance to the literature stated in a clear and definite  
50 manner? Is the discussion accurate and does it discuss the paper's scientific significance and/or  
51 relevance to clinical practice sufficiently? Yes 8 Illustrations and tables. Are the figures, diagrams  
52 and tables sufficient, good quality and appropriately illustrative of the paper contents? Do figures  
53 require labeling with arrows, asterisks etc., better legends? Yes 9 Biostatistics. Does the manuscript  
54 meet the requirements of biostatistics? Yes 10 Units. Does the manuscript meet the requirements of  
55 use of SI units? Yes 11 References. Does the manuscript cite appropriately the latest, important and  
56 authoritative references in the introduction and discussion sections? Yes Does the author self-cite,  
57 omit, incorrectly cite and/or over-cite references? No 12 Quality of manuscript organization and  
58 presentation. Is the manuscript well, concisely and coherently organized and presented? Is the style,  
59 language and grammar accurate and appropriate? Yes 13 Research methods and reporting. Authors  
60 should have prepared their manuscripts according to manuscript type and the appropriate categories,  
61 as follows: (1) CARE Checklist (2013) - Case report; (2) CONSORT 2010 Statement - Clinical  
62 Trials study, Prospective study, Randomized Controlled trial, Randomized Clinical trial; (3)  
63 PRISMA 2009 Checklist - Evidence-Based Medicine, Systematic review, Meta-Analysis; (4)  
64 STROBE Statement - Case Control study, Observational study, Retrospective Cohort study; and (5)  
65 The ARRIVE Guidelines - Basic study. Did the author prepare the manuscript according to the  
66 appropriate research methods and reporting? Yes 14 Ethics statements. For all manuscripts  
67 involving human studies and/or animal experiments, author(s) must submit the related formal ethics  
68 documents that were reviewed and approved by their local ethical review committee. Did the  
69 manuscript meet the requirements of ethics? Yes Accept after minor text editing.

70 *Answer:* thank you for your appreciation. We polished the English language in the revised version  
71 of the text.

## 72 **6 EDITORIAL OFFICE'S COMMENTS**

### 73 *(1) Science editor:*

74 The manuscript has been peer-reviewed, and it's ready for the first decision.  
75 Language Quality: Grade B (Minor language polishing)  
76 Scientific Quality: Grade C (Good)

77 *Answer:* thank you for this valuable opportunity. We revised the manuscript according to reviewers'  
78 comment and polished the English language throughout the manuscript.

### 79 *(2) Company editor-in-chief:*

80 I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics  
81 documents, all of which have met the basic publishing requirements of the World Journal of  
82 Clinical Pediatrics, and the manuscript is conditionally accepted. I have sent the manuscript to the  
83 author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the  
84 Criteria for Manuscript Revision by Authors. Please provide the original figure documents. Please

85 prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions  
86 can be reprocessed by the editor. In order to respect and protect the author's intellectual property  
87 rights and prevent others from misappropriating figures without the author's authorization or  
88 abusing figures without indicating the source, we will indicate the author's copyright for figures  
89 originally generated by the author, and if the author has used a figure published elsewhere or that is  
90 copyrighted, the author needs to be authorized by the previous publisher or the copyright holder  
91 and/or indicate the reference source and copyrights. Please check and confirm whether the figures  
92 are original (i.e. generated de novo by the author(s) for this paper). If the picture is 'original', the  
93 author needs to add the following copyright information to the bottom right-hand side of the picture  
94 in PowerPoint (PPT): Copyright ©The Author(s) 2022. Authors are required to provide standard  
95 three-line tables, that is, only the top line, bottom line, and column line are displayed, while other  
96 table lines are hidden. The contents of each cell in the table should conform to the editing  
97 specifications, and the lines of each row or column of the table should be aligned. Do not use  
98 carriage returns or spaces to replace lines or vertical lines and do not segment cell content. If an  
99 author of a submission is re-using a figure or figures published elsewhere, or that is copyrighted, the  
100 author must provide documentation that the previous publisher or copyright holder has given  
101 permission for the figure to be re-published; and correctly indicating the reference source and  
102 copyrights. For example, "Figure 1 Histopathological examination by hematoxylin-eosin staining  
103 (200 ×). A: Control group; B: Model group; C: Pioglitazone hydrochloride group; D: Chinese  
104 herbal medicine group. Citation: Yang JM, Sun Y, Wang M, Zhang XL, Zhang SJ, Gao YS, Chen L,  
105 Wu MY, Zhou L, Zhou YM, Wang Y, Zheng FJ, Li YH. Regulatory effect of a Chinese herbal  
106 medicine formula on non-alcoholic fatty liver disease. World J Gastroenterol 2019; 25(34): 5105-  
107 5119. Copyright ©The Author(s) 2019. Published by Baishideng Publishing Group Inc[6]". And  
108 please cite the reference source in the references list. If the author fails to properly cite the  
109 published or copyrighted picture(s) or table(s) as described above, he/she will be subject to  
110 withdrawal of the article from BPG publications and may even be held liable. Before final  
111 acceptance, when revising the manuscript, the author must supplement and improve the highlights  
112 of the latest cutting-edge research results, thereby further improving the content of the manuscript.  
113 To this end, authors are advised to apply a new tool, the RCA. RCA is an artificial intelligence  
114 technology-based open multidisciplinary citation analysis database. In it, upon obtaining search  
115 results from the keywords entered by the author, "Impact Index Per Article" under "Ranked by"  
116 should be selected to find the latest highlight articles, which can then be used to further improve an  
117 article under preparation/peer-review/revision. Please visit our RCA database for more information  
118 at: <https://www.referencecitationanalysis.com/>.

119 *Answer:* thank you for this valuable opportunity. We revised the manuscript accordingly. We  
120 confirm that the figure is original. As required, we have added the copyright information in the  
121 revised figure 1.

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