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# CHECKLIST OF RESPONSIBILITIES FOR SCIENTIFIC EDITORS

**Manuscript page number:** 48

| Item No. | Specific items for verification | Comments<br>Yes=[Y]<br>No= [N] |
|---|---|---|
| 1 | *General Information of the Manuscript*<br>**Name of journal:** World Journal of Gastroenterology<br>**Manuscript NO.:** 63416<br>**Column:** Review<br>**Title:** Interplay between NRF2 and inflammatory mediators in COVID-19-related liver injury<br>**Authors:** Dan-Dan Zhu, Xue-Mei Tan, Li-Qing Lu, Si-Jia Yu, Ru-Li Jian, Xin-Fang Liang, Yi-Xuan Liao, Wei Fan, Lucíia Barbier-Torres, Austin Yang, He-Ping Yang and Ting Liu<br>**Reviewer code:** 00225294, and 00225294<br>**First decision:** 2021-02-24 06:10<br>**Scientific Editor:** Chen-Chen Gao<br>**Date of signature:** April 25, 2021 (month/day/year) | [ Y ] |
| 2 | *Editorial Office's Comments*<br>**Science Editor:** 1 Scientific quality: The manuscript describes a review of the interplay between NRF2 and inflammatory mediators in COVID-19-related liver injury. The topic is within the scope of the WJG. (1) Classification: Grade C; (2) Summary of the Peer-Review Report: Authors review the potential role of NRF2 and inflammatory mediators in the context of COVID19 infection and | [ Y ] |

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| | the associated liver injury. The review is well organized in terms of the different components involved in viral-dependent liver injury. The questions raised by the reviewers should be answered; and (3) Format: There is 1 table and 5 figures; (4) References: A total of 128 references are cited, including 89 references published in the last 3 years; (5) Self-cited references: There are 5 self-cited references. The self-referencing rates should be less than 10%. Please keep the reasonable self-citations (i.e. those that are most closely related to the topic of the manuscript) and remove all other improper self-citations. If the authors fail to address the critical issue of self-citation, the editing process of this manuscript will be terminated; and (6) References recommendations: The authors have the right to refuse to cite improper references recommended by the peer reviewer(s), especially references published by the peer reviewer(s) him/herself (themselves). If the authors find the peer reviewer(s) request for the authors to cite improper references published by him/herself (themselves), please send the peer reviewer's ID number to editorialoffice@wjgnet.com. The Editorial Office will close and remove the peer reviewer from the F6Publishing system immediately. 2 Language evaluation: Classification: Grade B. 3 Academic norms and rules: No academic misconduct was found in the Bing search. 4 Supplementary comments: This is an invited manuscript. The study was supported by National Cancer Institute, National Institutes of Health, National Cancer Institute, and National Natural Science Foundation of | |

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| | China. The topic has not previously been published in the WJG. 5 Issues raised: (1) The authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s); (2) The authors did not provide original pictures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor; (3) If an author of a submission is re-using a figure or figures published elsewhere, or that is copyrighted, the author must provide documentation that the previous publisher or copyright holder has given permission for the figure to be re-published; and correctly indicating the reference source and copyrights. For example, "Figure 1 Histopathological examination by hematoxylin-eosin staining (200 ×). A: Control group; B: Model group; C: Pioglitazone hydrochloride group; D: Chinese herbal medicine group. Citation: Yang JM, Sun Y, Wang M, Zhang XL, Zhang SJ, Gao YS, Chen L, Wu MY, Zhou L, Zhou YM, Wang Y, Zheng FJ, Li YH. Regulatory effect of a Chinese herbal medicine formula on non-alcoholic fatty liver disease. World J Gastroenterol 2019; 25(34): 5105-5119. Copyright ©The Author(s) 2019. Published by Baishideng Publishing Group Inc[6]". And please cite the reference source in the references list. If the author fails to properly cite the published or copyrighted picture(s) or table(s) as described above, he/she will be subject to withdrawal of the article from BPG publications and may even be held liable. 6 | |

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| | Recommendation: Conditional acceptance.<br>**Editorial Office Director:** Manuscript_FirstCommentByEditorialOfficeDirector<br>**Company Editor-in-Chief:** I have reviewed the Peer-Review Report, full text of the manuscript, and the relevant ethics documents, all of which have met the basic publishing requirements of the World Journal of Gastroenterology, and the manuscript is conditionally accepted. I have sent the manuscript to the author(s) for its revision according to the Peer-Review Report, Editorial Office's comments and the Criteria for Manuscript Revision by Authors. | |
| **3** | The fixed headings are copied. | [ Y ] |
| **4** | The title concisely summarizes the main topic of the study and is not too long (no more than 18 words). Words such as 'exploration', 'research', 'analysis', 'observation', and 'investigation' are avoided. The title does not start with 'The' and does not include any Arabic numbers or uncommon abbreviations. | [ Y ] |
| **5** | A short running title is provided (no more than 6 words). | [ Y ] |
| **6** | The authors' full family (sur)names and full/abbreviated first names are listed on the title page and are consistent with those listed in the signed BPG Copyright License Agreement form. | [ Y ] |
| **7** | The 'Author contributions' passage describes the specific contribution(s) made by each author. The author's names are listed in the following format: full family (sur)name followed by abbreviated first and middles names.<br>*e.g.*, "Wang CL and Liang L contributed equally to this work; Wang CL, Liang L, Fu JF, Zou CC, Hong F and Wu XM designed the research study; Wang CL, Zou CC, Hong F and Wu XM performed | [ Y ] |

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| | the research; Xue JZ and Lu JR contributed new reagents and analytic tools; Wang CL, Liang L and Fu JF analyzed the data; and Wang CL, Liang L and Fu JF wrote the manuscript. All authors have read and approve the final manuscript." | |
| **8** | The 'Supported by' statement describes the source(s) of financial support and includes the corresponding identification number(s) and program ID(s) if available, and contains no spelling errors. | [ Y ] |
| **9** | The 'Corresponding author' passage provides the corresponding author's full first and family (sur)names, abbreviated title (*e.g.*, MD, PhD), affiliated institute's name and complete postal address (including zip code) and e-mail (written in all lowercase), and contains no spelling errors. | [ Y ] |
| **10** | The Manuscript Tracking information (*i.e.*, Received, Peer review started, First decision, Revised, Accepted, Article in press, and Published online) are provided along with the corresponding editor and date for each item, and contain no spelling errors. | [ Y ] |
| **11** | The Abstract section is formatted according to the article-specific style (structured *vs* unstructured) and word count thresholds, as follows:<br>Commentary, Frontier, Diagnostic Advances, Medical Ethics, Minireview, Review, Therapeutics Advances, and Topic Highlight: Non-structured abstract that is no less than 200 words.<br>Field of Vision, Case Report and Letter to the Editor: Non-structured abstract that is no less than 150 words.<br>Research articles: Structured abstract with subsections for AIM (no more than 20 words); METHODS (no less than 80 words); RESULTS (no less than 120 words); and CONCLUSION (no more than 26 | [ Y ] |

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| | words). | |
| **12** | The 'Key words' list provides 5-10 keywords that reflect the main content of the study. The first letter of each keyword is capitalized, and each keyword is separated by a semicolon. | [ Y ] |
| **13** | The "citation" contains authors' names and manuscript title. The name of the first author should be typed in bold letters; the family (sur) name of all authors should be typed with the first letter capitalized, followed by their abbreviated first and middle initials. For example, an article by Jae Moon Yoon, Ki Young Son, Chun Sick Eom, Daniel Durrance, Sang Min Park will be written as Yoon JM, Son KY, Eom CS, Durrance D, Park SM. Pre-existing diabetes mellitus increases the risk of gastric cancer: A meta-analysis. *World J Gastroenterol* 2019; In press | [ Y ] |
| **14** | The 'Core tip' provides a summary (less than 100 words) of the study that outlines the most innovative and important arguments and core contents of the paper and will serve to effectively attract readers. | [ Y ] |
| **15** | The 'INTRODUCTION' section clearly describes the relevant background information for the study. Only the most relevant and current (within the past 5 years) literature is cited, with the exception of rare instances of seminal literature citations. All technical terms and/or abbreviations are explained and/or defined, with the full name of abbreviations given upon first appearance in the text and the abbreviation presented in parentheses [*i.e.*, "…computed tomography (CT)"]. First-person pronouns (*e.g.*, 'I', 'we') are used appropriately to clearly indicate the work performed by the author(s). When weaknesses of previous studies are described in the text to highlight the innovations related to the current study, the information is presented carefully. | [ Y ] |

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| **16** | The 'MATERIALS AND METHODS' section clearly and accurately describes all materials and methods used to obtain the data presented in the article and is adequate for a reader to repeat the study. | [ N ] |
| **17** | The 'RESULTS' section concisely describes the observational and experimental results. Representative data and data that have scientific significance are emphasized. Data is presented in either the text, a table or figure (*i.e.*, chart, diagram, graph or image), but is not repeated among each. Information presented in the tables and figures clearly describes the trends, meaning, and inferences. Results described in textual form are accurate, concise and clear. | [ N ] |
| **18** | Statistical symbols are accurate. Statistical significance is expressed as $^{a}P < 0.05$, $^{b}P < 0.01$ ($P > 0.05$ usually does not need to be denoted). If there are other series of $P$ values, $^{c}P < 0.05$ and $^{d}P < 0.01$ are used, and a third series of $P$ values is expressed as $^{e}P < 0.05$ and $^{f}P < 0.01$. Statistical data is expressed as mean ± SD or mean ± SE. | [ N ] |
| **19** | The 'DISCUSSION' section (1) describes the main purpose and hypothesis of the study; (2) summarizes the most important results; (3) illustrates and explains the results (but does not simply repeat the data) and draws conclusions or inferences based on the results; (4) points out the limitations of the study and their impact on the results, as well as proposes further advice on future research topic(s) or direction(s); and (5) describes the theoretical significance and practical value of the findings. | [ N ] |
| **20** | The 'ACKNOWLEDGEMENTS' section expresses gratitude to any individuals or organizations for technical support (*i.e.*, providing instrumentation, equipment or experimental materials, and/or assistance in experimental work), non-technical services (*i.e.*, useful inspiration, suggestions, guidance, or review), and/or any other auxiliary work. | [ Y ] |

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| **21** | The 'ARTICLE HIGHLIGHTS' section provides comments for original articles in accordance with the specified format. | [ N ] |
| **22** | The 'REFERENCES' section lists the references in the Vancouver style. This style uses Arabic numeral in-text citations based on the order of the first appearance of a source in the text. For citations where the author's name is indicated in the text, a superscript number should be placed following the name (*i.e.*., "Pang *et al*"). For citations where no author is indicated, a superscript number should be placed at the end of the sentence. Respective examples are: "Ma[1] reported ....", "Pan *et al*[2-5] indicated ...."; "PCR has a high sensitivity[6,9]." No superscript numbers are used when the reference number is described in the text; for example, "The experimental method used has been described in reference [8]." The style of reference citations in tables is the same as that in the text (*e.g.*, Pan *et al*[2-5], please see reference [8]). | [ Y ] |
| **23** | Journal references have been verified to ensure that there are no duplicate references and that the PMID numbers are correct. For references not yet included in PubMed: the name of Chinese journals is spelled out using Chinese Pinyin, with the first letter of each word capitalized (*e.g.*, *Shijie Huaren Xiaohua Zazhi*); the name of journals in other languages are listed according to indexing information retrieved from Google. Book references are presented with all the information relevant to the electronic version. | [ Y ] |
| **24** | The number of cited references is appropriate for the article type, as follows:<br>Commentary: no less than 50;<br>Review: no less than 100;<br>Article: no less than 30/26;<br>Case Report and Letter to the Editor: no less than 1. | [ Y ] |

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| **25** | The ethics-related statements are provided in accordance with the manuscript type (*e.g.*, Manuscript No.-Institutional review board statement, Manuscript No.-Animal care and use statement, *etc.*). | [ Y ] |
| **26** | The names of the peer reviewers and the scientific editor are present at the end of the paper (*e.g.*, P-Reviewer: Hugot D S-Editor: Wang JL). | [ Y ] |
| **27** | The order and numerical labeling of tables and figures is consistent with their appearance and presentation in the text. Symbols in tables (*e.g.*, +, -, ×, ÷, *) correctly correspond to the definitions in the footnotes. Only one legend is provided for each multi-panel figure consisting of color graphs, black and white graphs, or line graphs that depicts data of the same theme. For example: **Figure 1** Pathological changes in atrophic gastritis tissue before and after treatment. A: …; B: …; C: …; D: …; E: …; F: …. | [ Y ] |
| **28** | Split pictures include flow charts, line graphs, histograms, and graphs including text. Unsplit pictures include meta-analysis diagrams, PCR amplification curves, and survival curves. | [ Y ] |
| **29** | The author(s) highlighted the changes made to the manuscript according to the peer-reviewers' comments. | [ Y ] |
| **30** | The responses to the peer-reviewers' comments are consistent with the changes made to the manuscript. | [ Y ] |
| **31** | The revised manuscript is provided (file name: Manuscript No.-Review; *e.g.*, 870- Review).<br>The letter of peer-reviewers' comments is provided (file name: Manuscript No.-Peer-review(s); *e.g.*, 870-Peer-review(s)).<br>The response letter is provided (file name: Manuscript No.-Answering reviewers; *e.g.*, 870-Answering reviewers). | [ Y ] |
| **32** | The related ethics and relevant documents are provided, such as (1) Approved grant application form(s) or funding agency copy of any approval document(s) (file name: Manuscript No.-Grant application | [ Y ] |

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| | form(s)); (2) Biostatistics review certificate (file name: Manuscript No.-Biostatistics statement); (3) Conflict-of-interest statement (file name: Manuscript No.-Conflict-of-interest statement); (4) Clinical trial registration statement (file name: Manuscript No.-Clinical trial registration statement); (5) Institutional review board approval form or document (file name: Manuscript No.-Institutional review board statement); (6) Institutional animal care and use committee approval form or document (file name: Manuscript No.-Institutional animal care and use committee statement), and (7) Signed informed consent form(s) or document(s) (file name: Manuscript No.-Informed consent statement). | |
| **33** | All authors signed the BPG Copyright license agreement form (file name: Manuscript No.-Copyright license agreement; *e.g.*, 870-Copyright license agreement). | [ Y ] |
| **34** | The language certificate provided by authors who are non-native speakers of English meets the BPG requirements (file name: Manuscript No.-Language certificate; *e.g.*, 870-Language certificate). | [ Y ] |
| **35** | The photos licensed in the Agreement for Use of Personal Photos are consistent with those in the paper (file name: Manuscript No.-Agreement for use of personal photos; *e.g.*, 870-Agreement for use of personal photos). | [ N ] |
| **36** | This document (Checklist of Responsibilities for Scientific Editors) has been saved under the file name: manuscript No.-Scientific editor work list (*e.g.*, 870-Scientific editor work list). | [ Y ] |
| **37** | A *CrossCheck* investigation (an effective tool for detecting unoriginal content, enabling our editors to preserve the journal's integrity and the authors' copyright) has been performed for the manuscript *via* the website: http://www.ithenticate.com/. The results document contains the following information for the manuscript: “Name of journal”, “Manuscript No.”, “Columns”, “Title” and “Author list”. | [ Y ] |

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| | The Figure of the *CrossCheck* results is saved in JPEG format (.jpg) at 1440 × 680 pixel resolution. The PDF of the *CrossCheck* results has been saved under the file name: manuscript No.- CrossCheck report (*e.g.*, 870-CrossCheck report). The Google searches have also been performed to further ensure publication of original content. | |
| 38 | The text of the manuscript is typed in Book Antiqua font, 12 pt, with 1.5 line spacing. | [ Y ] |
| **Responsibilities of scientific editors** | The primary responsibilities of our scientific editors include carefully checking the entire manuscript and all accompanying materials for: (1) errors in spelling, grammar, punctuation and wording; (2) suitability of tables, figures, figure data and legends; (3) accurate and appropriate presentation of symbols (*e.g.* +, -, ×, ÷, %, *) in tables and figures; and (4) complete and comprehensive revision of the manuscript according to the reviewers' comments. | |
| **Publication process** | Manuscript reception and registration→Initial review by scientific editor→Peer review→End of peer review→First round of meeting evaluation→To be accepted→Revision by the author(s)→Second round of meeting evaluation→To be accepted/revised/rejected→Final review by the Editor-in-Chief (final quality control for academic content and language quality)→Final acceptance and charging of publication fee→Language editing→Production→Proofreading by scientific editor→Proofreading by deputy editor→Final review by Editor-in-Chief→Release of online open-access papers in electronic form on the BPG website→Release of online papers on PubMed Central→Delivery of high-quality PDF reprints to the author(s)→End of the publication process. | |