

## CHECKLIST OF RESPONSIBILITIES FOR SCIENTIFIC EDITORS

Manuscript page number: 37

Manuscript word count: 8096

Item No.	Specific items for verification	Comments Yes=[Y] No= [N]
1	<p><i>General Information of the Manuscript</i></p> <p><b>Name of journal:</b> World Journal of Gastroenterology</p> <p><b>Manuscript NO.:</b> 66607</p> <p><b>Column:</b> Basic Study</p> <p><b>Title:</b> Cold exposure and capsaicin promote 1,2-dimethylhydrazine-induced colon carcinogenesis in rats correlates with extracellular matrix remodeling</p> <p><b>Authors:</b> Jing-Chun Qin, Wei-Tao Yu, Hui-Xuan Li, Yu-Qi Liang, Fei-Fei Nong and Bin Wen</p> <p><b>Reviewer code:</b> 05742997</p> <p><b>First decision:</b> 2021-06-24 18:29</p> <p><b>Scientific Editor:</b> Chen-Chen Gao</p> <p><b>Date of signature:</b> <u>July 30, 2021</u> (month/day/year)</p>	[Y]
2	<p><i>Editorial Office's Comments</i></p> <p><b>Science Editor:</b> REPORT OF THE ACADEMIC EDITOR 1. Scientific quality: This is an experimental study analyzing the effects of cold and capsaicin (the ingredient of red chilli pepper) on the growth pattern and metastasis of colorectal carcinoma. They have concluded that both agents change the collagen orientation and</p>	[Y]



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therefore, the ECM and which promotes tumor growth and or development . The topic is within the scope of the WJG. (1) Classification: Grade A (By the reviewer ID: 05742997). I believe the authors have performed a diligent work during the preparation of the manuscript. (2) Summary of the Peer-Review Report: This experimental study is well written, and the experimental techniques are acceptable except the evaluation of the protein level for which the authors have used immunohistochemistry. This would only show the distribution of the antigen in question. Therefore, the queries of the reviewer (reviewer ID: 05742997) is very important:

- a. The authors should review the manuscript again for grammatical and punctuation mistakes.
- b. As histopathological analysis is usually observer driven, the authors should mention how observation bias was accounted for in the study.
- c. As the authors emphasize, near organization and relatively straight collagen facilitates migration of tumor cells. The readers would be interested to know the migration pattern and proportions (% of rats that had mets) mentioned in the manuscript. Was there a specific subgroup which showed higher metastasis which was statistically significant? What are the real world implications of these findings?
- d. The authors should add an additional paragraph on the implications of their findings in a clinical setting. How would these findings possibly influence clinical practice? I do agree that it may be fairly early to offer comprehensive protocols for clinical practice but the readers would want to know the author's perspective on their



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findings and its utility. These points are valid and should be addressed by the Authors. (3) Format: There are 5 figures, 1 table and one graphical abstract. (4) References: there are 55 references and 48 of them are within the last 10 years. There seven references are from the years 2002 (n=1), 2005 (n=1), 2006 (n=2), 2007 (n=2), 2009 (n=1). (5) Self-cited references: There is one self citation (reference number 36). (6) References recommendations: There are no reference suggestions nor any conflicts regarding this section.

2. Language evaluation: Classification: Grade B. The authors have provided non-native speaker English editing certificate by filipodia but it is not related with the current study and therefore, it should be provided.

3. Academic norms and rules: The Biostatistics Review Certificate is submitted by the senior author Bin Wen. The certificate is authentic and the co-author is legitimate. The signed Conflict-of-Interest Disclosure Form and Copyright License Agreement is not provided but is necessary. The Institutional Review Board Approval Form is required and provided. No academic misconduct was found by the Google/Bing search (Accessory information is ta the end of the report; the screenshot of the google search is provided).

4. Supplementary comments: This is an experimental study with novel results. However, the points that the reviewer have emphasized should be revised by the authors.

5. Issues raised: (1) The key words are appropriate (2) The language classification is Grade B. Please visit the following website for the professional English language editing companies



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that we recommend: <https://www.wjgnet.com/bpg/gerinfo/240>;  
(3) The title is appropriate ; (4) The “Author Contributions” is appropriate. (5) Grant application information is provided (6) The authors provided original pictures. (7) PMID and DOI numbers are not given and should be provided according to the journal guidelines; (8) The “Article Highlights” section is missing. Please add the “Article Highlights” section; (9) The manuscript is written according to the guidelines of the journal with the necessity of minor revisions; (10) Figures are appropriate, and no copyright transfer is required is required. 6 Re-Review: Required after the revisions required by the reviewer. 7 Recommendation: can be published after minor revision. Accessories to the report: The screen shot of the search topic in Google

**Company Editor-in-Chief:** I have reviewed the Peer-Review Report, the 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. However, the quality of the English language of the manuscript does not meet the requirements of the journal. Before final acceptance, the author(s) must provide the English Language Certificate issued by a professional English language editing company. Please visit the following website for the professional



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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. <i>e.g.</i> , “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 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.”	[Y]
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 ( <i>e.g.</i> , MD, PhD), affiliated institute’s name and complete postal address (including zip code) and e-mail (written in all lowercase), and	[Y]

	contains no spelling errors.	
10	The Manuscript Tracking information ( <i>i.e.</i> , 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 <i>vs</i> unstructured) and word count thresholds, as follows: <u>Commentary, Frontier, Diagnostic Advances, Medical Ethics, Minireview, Review, Therapeutics Advances, and Topic Highlight:</u> Non-structured abstract that is no less than 200 words. <u>Field of Vision, Case Report and Letter to the Editor:</u> Non-structured abstract that is no less than 150 words. <u>Research articles:</u> 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 words).	[Y]
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. <i>World J</i>	[Y]

	<i>Gastroenterol</i> 2019; In press	
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>i.e.</i> , "...computed tomography (CT)"]. First-person pronouns ( <i>e.g.</i> , '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]
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.	[Y]
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>i.e.</i> , 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.	[Y]
18	Statistical symbols are accurate. Statistical significance is expressed as <sup>a</sup> <i>P</i> < 0.05, <sup>b</sup> <i>P</i> < 0.01 ( <i>P</i> > 0.05 usually does not need to be denoted).	[Y]

	If there are other series of <i>P</i> values, <sup>c</sup> <i>P</i> < 0.05 and <sup>d</sup> <i>P</i> < 0.01 are used, and a third series of <i>P</i> values is expressed as <sup>e</sup> <i>P</i> < 0.05 and <sup>f</sup> <i>P</i> < 0.01. Statistical data is expressed as mean ± SD or mean ± SE.	
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.	[Y]
20	The 'ACKNOWLEDGEMENTS' section expresses gratitude to any individuals or organizations for technical support ( <i>i.e.</i> , providing instrumentation, equipment or experimental materials, and/or assistance in experimental work), non-technical services ( <i>i.e.</i> , useful inspiration, suggestions, guidance, or review), and/or any other auxiliary work.	[Y]
21	The 'ARTICLE HIGHLIGHTS' section provides comments for original articles in accordance with the specified format.	[Y]
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>i.e.</i> , "Pang <i>et al</i> "). For citations where no author is indicated, a superscript number should be placed at the end of the sentence. Respective examples are: "Ma <sup>[1]</sup> reported .....", "Pan <i>et al</i> <sup>[2-5]</sup> indicated ....." ; "PCR has a high sensitivity <sup>[6,9]</sup> ." 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	[Y]

	style of reference citations in tables is the same as that in the text (e.g., Pan <i>et al</i> <sup>[2-5]</sup> , please see reference [8]).	
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., <i>Shijie Huaren Xiaohua Zazhi</i> ); 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: <u>Commentary</u> : no less than 50; <u>Review</u> : no less than 100; <u>Article</u> : no less than 30/26; <u>Case Report and Letter to the Editor</u> : no less than 1.	[Y]
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, <i>etc.</i> ).	[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 ( <i>e.g.</i> , +, -, ×, ÷, *) 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: <b>Figure 1</b> 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; <i>e.g.</i> , 870- Review). The letter of peer-reviewers' comments is provided (file name: Manuscript No.-Peer-review(s); <i>e.g.</i> , 870-Peer-review(s)). The response letter is provided (file name: Manuscript No.-Answering reviewers; <i>e.g.</i> , 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 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	[Y]

	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]
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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 <i>CrossCheck</i> 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 <i>via</i> the website: <a href="http://www.ithenticate.com/">http://www.ithenticate.com/</a> . The results document contains the following information for the manuscript: "Name of journal", "Manuscript No.", "Columns", "Title" and "Author list". The Figure of the <i>CrossCheck</i> results is saved in JPEG format (.jpg) at 1440 × 680 pixel resolution. The PDF of the <i>CrossCheck</i> results has been saved under the file name: manuscript No.- <i>CrossCheck</i> report (e.g., 870- <i>CrossCheck</i> report). The Google searches have also been performed to further ensure publication of original content.	[Y]
38	The text of the manuscript is typed in Book Antiqua font, 12 pt, with	[Y]



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	1.5 line spacing.	
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