

## CHECKLIST OF RESPONSIBILITIES FOR SCIENTIFIC EDITORS

Manuscript page number (With Figures): 41 Rate: 6.2 CNY per page

Editing Fee: 254.2 CNY

Figure count: \_\_\_\_\_ Figure handling time: \_\_\_\_\_ min Rate: 1 CNY per min

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XML and PDF converting time: \_\_\_\_\_ min Rate: 1 CNY per min

Editing Fee: \_\_\_\_\_ CNY

Manuscript word count: 10818

Total Editing Fee: 254.2 CNY

Scientific Editor: Jing-Jie Wang

Date of signature: 12/15/2023 (month/day/year)

Item No.	Specific items for verification	Comments Yes=[Y] No= [N]
<b>1</b>	<p><i>General Information of the Manuscript</i></p> <p><b>Name of journal:</b> World Journal of Stem Cells</p> <p><b>Manuscript NO.:</b> 89203</p> <p><b>Column:</b> Clinical Trials Study</p> <p><b>Title:</b> Effects of exosomes from mesenchymal stem cells on functional recovery of total radial nerve injury: A pilot study</p> <p><b>Authors:</b> Erdiñ Civelek, Serdar Kabatas, Eyüp Can Savrunlu, Furkan Diren, Necati Kaplan, Demet Ofloğlu and Erdal Karaöz</p> <p><b>Reviewer code:</b> 06286468, 02941583, and 06286468</p> <p><b>First decision:</b> 2023-11-13 02:47</p>	<b>[Y]</b>
<b>2</b>	<i>Editorial Office's Comments</i>	<b>[Y]</b>

**Science Editor:** 发件人: 秦源 主题: Re:World Journal of Stem Cells  
Manuscript NO: 89203 - Manuscript review canceled 日期: 2023 年  
11 月 6 日(周一) 10:46 收件人: BPG Editorial Office Dear editor, I am  
very sorry for my late reply. These are my comments to manuscript  
NO 89203, titled Effects of Exosomes from Mesenchymal Stem Cells  
on Functional Recovery of Total Radial Nerve Injury: A Pilot Study.  
This study investigated the effects of exosomes on the functional  
recovery of total radial nerve injury. They treated a patient with  
sural autograft and applied mesenchymal stem cell-derived  
exosomes to the nerve stumps. The patient showed significant  
improvement in motor and sensory functions after 6 months of  
follow-up. The study suggests that exosomes could be a promising  
treatment for peripheral nerve injuries. My comments are as  
follows: 1. Various types of cells can secrete exosomes, and  
exosomes derived from different cell sources may have different  
effects and mechanisms of action. In this study, the authors chose to  
experiment with exosomes derived from MSCs. The authors should  
explain why they selected exosomes derived from MSCs for their  
experiments and discuss the potential outcomes if exosomes from  
other cell sources were used. 2. Please provide the characterization  
and identification data of the exosomes in the article. 3. In the  
article, the authors mentioned that "1 ml MSC-derived exosome  
(containing 5 billion microvesicles) was divided into four equal  
amounts (0.25 ml) and applied microsurgically to both sides of the  
proximal and distal stumps by subepineural route." The basis for

the amount of exosomes used in the experiment is not explicitly stated in the information provided. It is possible that the specific dosage was determined based on previous studies or preliminary experiments, where this particular amount of exosomes has shown desired effects or optimal results in promoting nerve regeneration. However, without further information, we cannot make a definitive conclusion regarding the exact reasoning behind the chosen dosage.

4. Extracellular vesicles contain a variety of substances, including proteins, nucleic acids, and small molecules. The composition of the vesicle membrane itself also varies. The author should describe or propose possible mechanisms for this. More references about the mechanism of exosomes should be cited, "Exosomes as mediators of intercellular crosstalk in metabolism", "Exosomes Regulate the Epithelial-Mesenchymal Transition in Cancer" , for example, or any other similar references. Sorry again for my late reply ! Best regards, Yuan Qin

**Company Editor-in-Chief:** I have reviewed the Peer-Review Report and the full text of the manuscript, all of which have met the basic publishing requirements of the World Journal of Stem Cells, 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. 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 English language editing companies we recommend: <https://www.wjgnet.com/bpg/gerinfo/240>. Before final acceptance, when revising the manuscript, the author must supplement and improve the highlights of the latest cutting-edge research results, thereby further improving the content of the manuscript. To this end, authors are advised to apply a new tool, the Reference Citation Analysis (RCA). RCA is an artificial intelligence technology-based open multidisciplinary citation analysis database. In it, upon obtaining search results from the keywords entered by the author, "Impact Index Per Article" under "Ranked by" should be selected to find the latest highlight articles, which can then be used to further improve an article under preparation/peer-review/revision. Please visit our RCA database for more information at: <https://www.referencecitationanalysis.com/>. Uniform presentation should be used for figures showing the same or similar contents; for example, "Figure 1 Pathological changes of atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ...". Please provide decomposable Figures (in which all components are movable and editable), organize them into a single PowerPoint file. Please check and confirm whether the figures are original (i.e. generated de novo by the author(s) for this paper). If the picture is 'original', the author needs to add the following copyright

	information to the bottom right-hand side of the picture in PowerPoint (PPT): Copyright ©The Author(s) 2023.	
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.	[N]
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	<p>The Abstract section is formatted according to the article-specific style (structured <i>vs</i> unstructured) and word count thresholds, as follows:</p> <p><u>Commentary, Frontier, Diagnostic Advances, Medical Ethics, Minireview, Review, Therapeutics Advances, and Topic Highlight:</u></p> <p>Non-structured abstract that is no less than 200 words.</p> <p><u>Field of Vision, Case Report and Letter to the Editor:</u></p> <p>Non-structured abstract that is no less than 150 words.</p> <p><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).</p>	[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 $P$ values, $^cP < 0.05$ and $^dP < 0.01$ are used, and a third series of $P$ values is expressed as $^eP < 0.05$ and $^fP < 0.01$ . Statistical data is expressed as mean $\pm$ SD or mean $\pm$ 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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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]

	1.5 line spacing.	
<b>Responsibilities of scientific editors</b>	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 ( <i>e.g.</i> +, -, ×, ÷, %, *) in tables and figures; and (4) complete and comprehensive revision of the manuscript according to the reviewers' comments.	
<b>Publication process</b>	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.	