

PEER-REVIEW REPORT

Name of journal: *World Journal of Biological Chemistry*

Manuscript NO: 76252

Title: Profiles of proinflammatory cytokine levels (Interferon-gamma and Interleukin-2) in patients post allogeneic hematopoietic stem cells transplantation

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06221830

Position: Peer Reviewer

Academic degree: BSc, MSc, PhD

Professional title: Senior Scientist

Reviewer's Country/Territory: South Africa

Author's Country/Territory: Poland

Manuscript submission date: 2022-03-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-03-19 06:41

Reviewer performed review: 2022-03-29 20:38

Review time: 10 Days and 13 Hours

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 Grade E: Do not publish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



**Baishideng
Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
<https://www.wjgnet.com>

Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

- Aim in abstract not quite clear - Grammar checking required. Paper was difficult to read - Sentence should not be started with a number in scientific writing e.g. 62 in the methods. Please check throughout - Still in abstract, the first a the phrase "consisting of" should be between study and 30 " - Last sentence of core tip should be rephrased and the words "thanks to this..." removed completed and in the discussion section - In the materials and methods, include country name at the end of Medical University of Silesia in Katowice - In the sentence All the patients underwent standard immunosuppressive therapy, including 95%... specify the number and not just the percentage. - What does ...5 mL per clot in ...5 mL per clot at the following time points: before mean? - -80 degrees Celsius and not -80 degrees of Celsius - Authors should elaborate on the ELISA assay, providing detailed description - Methods section should have a statistical analysis and subsection and not described in the results section - Statistics described in the results can be better written.

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Peer-review model: Single blind

Reviewer's code: 05817547

Position: Peer Reviewer

Academic degree: PhD

Professional title: Postdoctoral Fellow

Reviewer's Country/Territory: Iran

Author's Country/Territory: Poland

Manuscript submission date: 2022-03-08

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-03-30 04:40

Reviewer performed review: 2022-04-08 17:45

Review time: 9 Days and 13 Hours

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

Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

In this manuscript, the authors have evaluated Profiles of pro inflammatory cytokine levels (Interferon-gamma and Interleukin-2) in patients post allogeneic hematopoietic stem cells transplantation. While interesting in the field, this manuscript suffers from several drawbacks in study conception, technical execution and data presentation and, in my opinion, this manuscript in its current shape is not ready for publication. The main issues are as follows: 1-The manuscript must be carefully proofread for grammar, spelling, and punctuation issues. 2- It is recommended that authors improve the design of Tables and Figures. 3- The discussion part is not well written and needs a major rewrite. 4- Use of newer references is recommended. 5- The manuscript does not describe methods (e.g., experiments and data analysis) in adequate detail. 6- The Manuscript does not meet the requirements of biostatistics. In my opinion, this section is not well written and needs revision and rewriting.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Biological Chemistry*

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Title: Profiles of proinflammatory cytokine levels (Interferon-gamma and Interleukin-2) in patients post allogeneic hematopoietic stem cells transplantation

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Reviewer's code: 06221830

Position: Peer Reviewer

Academic degree: BSc, MSc, PhD

Professional title: Senior Scientist

Reviewer's Country/Territory: South Africa

Author's Country/Territory: Poland

Manuscript submission date: 2022-03-08

Reviewer chosen by: Ji-Hong Liu

Reviewer accepted review: 2022-06-01 06:17

Reviewer performed review: 2022-06-01 06:26

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Please provide exact page and line numbers where the said corrections were made. It is not enough to say the manuscript has been improved!

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Position: Peer Reviewer

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Professional title: Postdoctoral Fellow

Reviewer's Country/Territory: Iran

Author's Country/Territory: Poland

Manuscript submission date: 2022-03-08

Reviewer chosen by: Ji-Hong Liu

Reviewer accepted review: 2022-06-01 03:36

Reviewer performed review: 2022-06-01 18:29

Review time: 14 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input checked="" type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Corrections and changes in the peer-review report were not highlighted in the manuscript's text. Also, the requested changes have not been applied in the method and material sections, discussions, and references. In my opinion, this manuscript is not ready for publication in its current shape.