

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 74452

**Title:** Effects of Glucocorticoids on Leukocyte: genomic and non-genomic mechanisms

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05142913

**Position:** Peer Reviewer

**Academic degree:** Doctor, MBBS

**Professional title:** Doctor

**Reviewer's Country/Territory:** Saudi Arabia

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-24

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-01-13 05:09

**Reviewer performed review:** 2022-01-13 05:11

**Review time:** 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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 Grade E: Do not publish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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**

Interesting article to read

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**Title:** Effects of Glucocorticoids on Leukocyte: genomic and non-genomic mechanisms

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**Peer-review model:** Single blind

**Reviewer's code:** 05086539

**Position:** Peer Reviewer

**Academic degree:** MD, MSc, PhD

**Professional title:** Research Scientist, Senior Lecturer

**Reviewer's Country/Territory:** Indonesia

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-24

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-01-25 13:10

**Reviewer performed review:** 2022-02-02 01:55

**Review time:** 7 Days and 12 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

**statements**Conflicts-of-Interest: [ ☐ ] Yes [ ☒ ] No**SPECIFIC COMMENTS TO AUTHORS**

the purpose in this study was unclear and lack of novelty. discussion only paraphrase other studies. in the conclusion it said "Clinically, the effects of GCs on white blood cells are similar to the effects of bacterial infections on white blood cells, which may lead to the overuse of antibiotics". Based on basic and clinical pharmacology, GC can not be used in infection due to its immunosuppressant effect. Please referee this study to the pharmacology theory.

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**Peer-review model:** Single blind

**Reviewer's code:** 05345731

**Position:** Peer Reviewer

**Academic degree:** BSc, MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Kazakhstan

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-24

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-02-02 18:28

**Reviewer performed review:** 2022-02-02 18:44

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
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<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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#### **SPECIFIC COMMENTS TO AUTHORS**

Please provide a figure - like a graphical abstract or GC mechanism of actions highlighting your results compared to traditional point of view

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**Peer-review model:** Single blind

**Reviewer's code:** 03028174

**Position:** Editor-in-Chief

**Academic degree:** MD

**Professional title:** Associate Professor, Staff Physician

**Reviewer's Country/Territory:** Thailand

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-24

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-02-01 14:02

**Reviewer performed review:** 2022-02-03 01:51

**Review time:** 1 Day and 11 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous



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#### **SPECIFIC COMMENTS TO AUTHORS**

The study is aimed to summarize the relevant research on the effects of glucocorticoids on leukocytes in recent decades. The title is "Effects of Glucocorticoids on Leukocyte: genomic and non-genomic mechanisms". 1. Several factors influence the effects of glucocorticoids. Please discuss these. 2. Please also summarize in the form of "Table". 3. What is the new knowledge of the report? 4. Please recommend to the readers "How to apply this knowledge?".



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**Peer-review model:** Single blind

**Reviewer's code:** 04551037

**Position:** Editorial Board

**Academic degree:** MD, MSc

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Turkey

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-24

**Reviewer chosen by:** Xin Liu (Online Science Editor)

**Reviewer accepted review:** 2022-02-01 13:45

**Reviewer performed review:** 2022-02-04 12:47

**Review time:** 2 Days and 23 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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

#### **SPECIFIC COMMENTS TO AUTHORS**

1 Title. Appropriate 2 Abstract. Appropriate 3 Key words. Keywords should contain words different from the title, this can attract more audiences during search. 4 Background. Since the manuscript is not a meta analysis; the method for the selection of the included articles should be omitted, or it should be rewritten in a manner containing more detail about the selection/inclusion way 5 Methods. Not relevant 6 Results. Not relevant 7 Discussion. The presented information is new and interesting. The flow of the article is easy to follow and understand. The manuscript can attract attention and citation. 8 Illustrations and tables. The main conclusions can be summarized in a brief table. 9 Biostatistics. Not relevant 10 Units. Not relevant 11 References. Appropriate 12 Quality of manuscript organization and presentation. Appropriate 13 Research methods and reporting. Not relevant? 14 Ethics statements. Not relevant.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** *World Journal of Clinical Cases*

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**Reviewer's code:** 05086539

**Position:** Peer Reviewer

**Academic degree:** MD, MSc, PhD

**Professional title:** Research Scientist, Senior Lecturer

**Reviewer's Country/Territory:** Indonesia

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-12-24

**Reviewer chosen by:** Jia-Ru Fan

**Reviewer accepted review:** 2022-03-18 04:06

**Reviewer performed review:** 2022-03-18 04:39

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Peer-reviewer statements</b>	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**

Author made clearer information in the manuscript. However in the conclusion it remains unclear suggestion for further clinical approach based on the findings