

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 68066

Title: Concomitant dysregulation of androgen secretion and dysfunction of adipose tissue induced insulin resistance

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05461375

Position: Peer Reviewer

Academic degree: FRCP, FRCPE, MBChB, MSc

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Iraq

Manuscript submission date: 2021-05-10

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2021-07-30 00:29

Reviewer performed review: 2021-07-30 01:26

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 Grade E: Do not publish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 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
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" 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



**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="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

I read with great interest the letter to editor by Professor Marwan S Al-Nimer. This letter concurs with the detailed review by Unluhizarci et al. on androgen excess disorder, hyperinsulinemia, and insulin resistance. It also adds on a different perspective (pharmaco-physiological) of the relationship between hyperinsulinemia and androgen excess, taking sodium valproate as an example. This is useful for better understanding of androgen excess disorders.

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Manuscript NO: 68066

Title: Concomitant dysregulation of androgen secretion and dysfunction of adipose tissue induced insulin resistance

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05808679

Position: Deputy Editor-in-Chief

Academic degree: MD, PhD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Iraq

Manuscript submission date: 2021-05-10

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2021-07-30 04:14

Reviewer performed review: 2021-08-02 10:23

Review time: 3 Days and 6 Hours

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 type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

1, In the abstract section :the first word “Hyperandrogenism” should be “Hyperandrogenism”. 2, The manuscript reveals that the gender is an important factor, the relationship between insulin resistance and circulating androgens in PCOS women is significantly positive, while in obese young men is significantly inversed. 3, Adrenal hyperandrogenism dose not necessarily led to hyperinsulinism and insulin resistance, while dysfunction of the adipose tissue can cause hyperinsulinism and insulin resistant. 4, Sodium valproate acts as a trigger of cellular dysfunction and produces both hyperinsulinemia and hyperandrogenism. 5, This letter is very beneficial for clinical practice.

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Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05249683

Position: Editorial Board

Academic degree: BSc, MSc, PhD

Professional title: Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: Iraq

Manuscript submission date: 2021-05-10

Reviewer chosen by: Ze-Mao Gong

Reviewer accepted review: 2021-07-31 18:26

Reviewer performed review: 2021-08-07 08:00

Review time: 6 Days and 13 Hours

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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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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

There are some linguistic mistakes, which were corrected in the attached file (yellow-labeled). The first word of abstract "Hyperandrogenism" should be corrected to "Hyperandrogenism". What is the meaning of "gonadotrophins, and 3" in the first line in page 3. What is the meaning of "hirsutism" in the second line in the same page. Finally, what is the objective of the letter?

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Diabetes*

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Peer-review model: Single blind

Reviewer's code: 05249683

Position: Editorial Board

Academic degree: BSc, MSc, PhD

Professional title: Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: Iraq

Manuscript submission date: 2021-05-10

Reviewer chosen by: Jing-Jie Wang (Online Science Editor)

Reviewer accepted review: 2021-12-09 13:30

Reviewer performed review: 2021-12-11 12:09

Review time: 1 Day and 22 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
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

What is the objective of this letter and what is importance for the diabetes research?