



PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 59250

Title:

Osteoprotegerin, interleukin and hepatocyte growth factor for prediction of diabetes and hypertension in the third trimester of pregnancy

Reviewer’s code: 02945694

Position: Peer Reviewer

Academic degree: FRCS (Hon), PhD

Professional title: Professor, Research Scientist

Reviewer’s Country/Territory: United States

Author’s Country/Territory: China

Manuscript submission date: 2020-09-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-09-02 00:22

Reviewer performed review: 2020-09-08 01:23

Review time: 6 Days and 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 Grade E: Do not publish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 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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



**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

statements

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

SPECIFIC COMMENTS TO AUTHORS

In the clinical practice, the incidence of GDM is increasing in the recent years. Moreover, 30.0% women with GDM have the high risk of gestational hypertension and the risk is 3 to 5 times than the pregnant women without GDM. These two diseases have a great impact on the prognosis of fetuses and the mothers. Pathogenic factors for GDM are complex. Early detection of changes in a patient's condition can help to reduce the incidence of hypertension and improve the outcomes of pregnancy. In this study, the authors explored the significance of detection of OPG, IL-1 β and HGF in the placenta and serum in evaluating and predicting the onset and development of gestational diabetes and hypertension in the third trimester of pregnancy. Overall, the manuscript is very well written, and the results are very interesting. Methods are very clear. Discussion is good. A minor editing is required before final publication.



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Name of journal: World Journal of Clinical Cases

Manuscript NO: 59250

Title:

Osteoprotegerin, interleukin and hepatocyte growth factor for prediction of diabetes and hypertension in the third trimester of pregnancy

Reviewer’s code: 02945676

Position: Peer Reviewer

Academic degree: FACE, FRCS (Hon), PhD

Professional title: Professor, Research Scientist, Senior Lecturer

Reviewer’s Country/Territory: United States

Author’s Country/Territory: China

Manuscript submission date: 2020-09-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-09-02 00:22

Reviewer performed review: 2020-09-08 01:26

Review time: 6 Days and 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 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
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Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This brief study is an interesting study of the feasibility of changes in placental and serum protective factor, interleukin and HGF as tools for prediction and diagnosis of diabetes and hypertension in pregnant women. The study is well designed and the results are reasonable and well discussed. References are acceptable. Thank you.