

**Review Form 3**

Journal Name:	<b>International Journal of Biochemistry Research &amp; Review</b>
Manuscript Number:	<b>Ms_IJBCRR_120671</b>
Title of the Manuscript:	<b>Significance of Biochemical Markers in the Prediction of Preeclampsia: Reliability and clinical applicability</b>
Type of the Article	<b>Letter to the Editor</b>

### Review Form 3

#### **PART 1:** Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.		
Are subsections and structure of the manuscript appropriate?		
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.		
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.		

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<p>Minor REVISION comments</p> <p><b>Is language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b>Optional/General</b> comments</p>	<p>Manuscript Number: Ms_IJBCRR_120671            Title of the Manuscript: Significance of Biochemical Markers in the Prediction of Preeclampsia: Reliability and clinical applicability</p> <p>The letter discussing the article "Significance of Biochemical Markers in the Prediction of Preeclampsia: Reliability and Clinical Applicability" provides a thorough analysis of the topic. The emphasis on the role of biochemical markers in predicting preeclampsia and the call for their further investigation are commendable. The authors highlight critical points about the predictive values and limitations of these markers, which add valuable context to the ongoing discussion.</p> <p>The reference to the American College of Obstetricians and Gynecologists (ACOG) guidelines is particularly relevant. The ACOG's evaluation of the predictive values of various biochemical and biophysical markers underscores the current limitations in screening low-risk women, with positive predictive values ranging from 8% to 33%. This aligns with the authors' observation that while certain models, such as those incorporating PIGF and uterine artery Doppler, have been explored, their predictive value remains limited, as evidenced by a positive predictive value of only 21%.</p> <p>The letter also effectively cites studies showing significant associations between maternal serum levels of specific analytes and adverse pregnancy outcomes. However, it correctly points out that these associations do not yet support the clinical use of these analytes as standalone predictors. The mention of the large-scale proteomics study using an aptamer-based assay further reinforces the complexity and challenges in identifying reliable predictive biomarkers for preeclampsia and hypertensive disorders of pregnancy.</p> <p>This letter provides a balanced and insightful commentary on the article, emphasizing both the potential and current limitations of biochemical markers in predicting preeclampsia. The call for further research using complementary methodologies is well-founded and necessary for advancing this critical area of maternal health.</p>	

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

<p>Name:</p>	<p><b>Manisha Arora</b></p>
<p>Department, University &amp; Country</p>	<p><b>Mercer University School of Medicine, Georgia</b></p>