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| Journal Name: | [**International Journal of Research and Reports in Gynaecology**](https://journalijrrgy.com/index.php/IJRRGY) |
| Manuscript Number: | **Ms\_IJRRGY\_141977** |
| Title of the Manuscript: | **Decoding the Immune Landscape of Pregnancy-Induced Hypertension: An Exploratory Overview of Cytokine and Chemokine-Driven Inflammatory Pathways** |
| Type of the Article |  |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This article represents a thorough analysis of pregnancy-induced hypertension (PIH) and preeclampsia, leading causes of global maternal and perinatal morbidity and mortality, and discusses their underlying immunological and inflammatory mechanisms. Elucidation of cytokine, chemokine, and dysregulated immune cell actions provides valuable insights into future biomarkers and therapeutic interventions, potentially transforming early detection and therapeutic approaches.  The article fills knowledge gaps and emphasizes crossdisciplinary research to overcome multifaceted disorders, rendering it an essential source for maternal-fetal medicine-based researchers, clinicians, and policy planners alike. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title, **Decoding the Immune Landscape of Pregnancy-Induced Hypertension: An Exploratory Overview of Cytokine and Chemokine-Driven Inflammatory Pathways,** is suitable as it accurately reflects the focus of the manuscript |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract is thorough but would be improved by briefly stating clinical applications of the research, e.g., therapeutic intervention or biomarker use, and a sentence describing the methodological design used, e.g., review of the literature, case reports, or experimental models. | Done |
| Is the manuscript scientifically, correct? Please write here. | The manuscript is scientifically sound, with well-supported arguments and references to current research. The discussion of immune dysregulation, cytokine imbalances, and endothelial dysfunction aligns with established literature.. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | The references are sufficient and include recent studies. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language is suitable for scholarly communication, though minor grammatical and stylistic edits (e.g., sentence structure, redundancy in some sections) could improve readability. For instance, the phrase "ignorantly used interchangeably" could be reworded to "often erroneously used interchangeably. | Thanks ,corrected |
| Optional/General comments | The manuscript is well-researched and informative, but could benefit from tighter organization, minor language refinements, and inclusion of the most recent studies to enhance its impact. | Done |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |