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| Book Name: | [Disease and Health: Research Developments](https://www.bookpi.org/bookstore/product/disease-and-health-research-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5019** |
| Title of the Manuscript: | **The Role of Circadian Rhythm Disruptions in Maternal and Fetal Health: A Consideration of Their Potential Effects** |
| Type of the Article | **BOOK CHAPTER** |

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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*(Please correct the manuscript and highlight that part in the manuscript. 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 minimumof 3-4 sentences may be required for this part.** | **Pregnancy for a women is a critical period/phenomena when the system and organs of a new human body develops in the womb of the mother. During this process, any disruption to the environment in which the fetus grows may result in developmental adaptations which produces permanent alterations to structural and psychological metabolic functions of the fetus.**  **In this article the author tried to explain the role of circadian rhythm disruptions in maternal and fetal help and their potential effects.**  **The subject matter is more important to gynaecologists and mother and child doctors (pediatrics) to guide the mother of expecting baby not to have any unpleasant incidents.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title of the article is fairly good and adaptive to the subject matter.** |  |
| 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 fairly good but does not include the essential ingredients such as aim of the subject matter and a brief discussions and objectives. Normally any abstract can have 250 – 350 words and should reflect all the contents of the article such as aim, objectives, sample & sampling methods, discussions, analysis, results, future study and finally conclusion part in brief.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **This review article is scientifically appropriate and the author took pains in elaborating and expanding the subject matter so that not only the scientific community but others also can understand and follow.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **In addition to the references already submitted by the author i feel the few more references suggested will elevate the subject matter.**  **1. Maternal – Fetal Circadian Communication During Pregnancy –** [**www.fronteirsin.org**](http://www.fronteirsin.org)  **2. Circadian rhythm and its association with birth and infact outcomes: research protocol of a prospective cohort study – BMC Pregnancy and Childbirth.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Moderate |  |
| Optional/Generalcomments | As already mentioned about the abstract,  1. It needs pruning.  2. Additional information regarding aim, discussions, literature review, future study, suggestions, references, acknowledgment are missing and are to be added. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment*(if agreed with the 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 detail)* |  |

**Reviewer details:**

**C.l. Avadhani, Annamalai University, India**