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| Book Name: | [**Pharmaceutical Science: New Insights and Developments**](https://www.bookpi.org/bookstore/product/pharmaceutical-science-new-insights-and-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_6183** |
| Title of the Manuscript: | **Chronotherapy: Unleashing the Precision of Time for Enhanced Treatment Strategies** |
| 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 minimum of 3-4 sentences may be required for this part.** | **This book chapter, "Chronotherapy: Unleashing the Precision of Time for Enhanced Treatment Strategies," is a valuable and timely contribution to the scientific community. It clearly explains the principles of chronotherapy, showing how aligning drug delivery with the body's natural rhythms can improve treatment outcomes. The detailed discussion of circadian rhythms and various drug delivery technologies makes this a crucial resource for anyone interested in advancing personalized medicine.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, The title is suitable and matches with the essence of the chapter.** |  |
| 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 article is comprehensive and effectively introduces the core concepts of chronotherapy. Some minor additions can make it more impactful and comprehensive:-**   1. **Some examples of specific diseases can attract the interests of its readers.** 2. **Methodology in this chapter needs to be explain in a little briefer way.** 3. **A concluding remarks on the future outlook can be added.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientifically sound and well-supported by current knowledge in chronobiology and pharmacology. It correctly explains the intricate mechanisms of the circadian clock and their influence on how drugs are processed and affect the body. The discussion of specific diseases and the various chronotherapeutic drug delivery systems is both accurate and practical. Overall, the chapter is a reliable and valuable resource for anyone in the field.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **References here act as a loophole in such a strongly comprehensive chapter. Most of the citations are from the early to mid-2010s or even older. To improve Referencing part, more recent, high-impact review articles and key primary research papers from the last 3-5 years could be added. The authors can add more references on various areas like:**   1. **Latest clinical trials meta analyses** 2. **Recent findings on the molecular interplay between the circadian clock and specific drug targets.** 3. **Emerging therapeutic areas where chronotherapy is being explored, such as in psychiatric care or respiratory diseases.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **The language is generally strong and professional, making it well-suited for a scholarly audience. The authors have done a good job of clearly explaining complex scientific concepts. While there are a few minor grammatical and phrasing issues, they are easily fixable with a standard copyedit and do not detract from the manuscript's overall scientific value.** |  |
| Optional/General comments | **Overall, this is a strong and well-organized review that provides a valuable overview of the emerging field of chronotherapy. The authors have done a great job of synthesizing complex scientific concepts, from the molecular basis of circadian rhythms to their practical application in drug delivery systems. While the scientific content is solid, the manuscript would be even stronger with a more thorough update of its references to include the latest research, which would boost its credibility and relevance. This work stands as a very useful resource for both students and researchers.** |  |

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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:**

**Sanjay Kumar Yadav, India**