

[Review Form2](#)

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Book Name:               | <a href="#">Current Research Progress in Physical Science</a>                                                           |
| Manuscript Number:       | Ms_BPR_2021                                                                                                             |
| Title of the Manuscript: | Synthesis, characterization of N,N-dimethyl aminophenylschiff's base-chalcone hybrid by in silico and in vitro studies. |
| Type of the Article      | Book Chapter                                                                                                            |

**PART 1: Review Comments**

| <b>Compulsory</b> REVISION comments                                                                                                                                                                                                  | Reviewer's comment                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Author's Feedback</b> (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. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.                        | I read manuscript and find important in the field of biological , pharmaceutical and industrial fields of chemistry. The authors have done the work on two biological active scaffolds (chalcone and Schiff base) , which are very much important.                                                                                                                                                                                                                                               |                                                                                                                                                                     |
| Is the title of the article suitable?<br>(If not please suggest an alternative title)                                                                                                                                                | No.<br>Title of the manuscript should be changed as : "Synthesis and Characterization of N,N-Dimethyl Aminophenyl Schiff's Base-Chalcone Hybrid by In Silico and In Vitro Studies."                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                     |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section?<br>Please write your suggestions here.                                                                       | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                     |
| Are subsections and structure of the manuscript appropriate?                                                                                                                                                                         | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                     |
| Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimumof 3-4 sentences may be required for this part. | Scientifically the article is correct. But more discussions should be needed in terms of other biologically active molecules than authors should come to their work. At least more active references are needed in the introduction sections for further improvement of the chapter. Like <a href="https://doi.org/10.1016/j.bpc.2024.107195">https://doi.org/10.1016/j.bpc.2024.107195</a><br><a href="https://doi.org/10.1016/j.bpc.2024.107272">https://doi.org/10.1016/j.bpc.2024.107272</a> |                                                                                                                                                                     |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.                                                                                                  | No, more references are needed regarding biomolecules and bioactive issues in the introduction and discussion section.                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                     |

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| Minor REVISION comments<br><br>Is the language/English quality of the article suitable for scholarly communications? | English of the manuscript poorly written, grammatical issues should be corrected throughout the manuscript. |  |
| Optional/General comments                                                                                            |                                                                                                             |  |

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) |                                                                                                                                                                              |

Reviewer Details:

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|----------------------------------|--------------------------------------|
| Name:                            | Sanjay Roy                           |
| Department, University & Country | Netaji Subhas Open University, India |