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| Book Name: | **Advancements in Science and Technology: Paving the Way to a Sustainable Future** |
| Manuscript Number: | **Ms\_BPR\_4465.8** |
| Title of the Manuscript: | **Nanochemistry: Exploring the Science of the Infinitely Small** |
| 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.** | It would be beneficial for the author to elaborate on the relevance of this manuscript within the broader scientific community. Specifically, highlighting how advances in nanochemistry can contribute to sustainability or resolve significant global challenges would provide a deeper context for the work. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** |  |  |
| 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. | **While the abstract serves as a solid overview of the manuscript, it could be improved by offering a more concise summary of the key insights or implications of the discussed nanochemical processes. The addition of information regarding the potential real-world applications of this research would strengthen the abstract.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript appears to be accurate from a scientific standpoint, with clear explanations and logical flow. However, some sections could benefit from further clarification, particularly when discussing complex nanochemical reactions. This would enhance the overall readability and understanding of the material. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes, but more references could be added.**  **The references included in the manuscript are generally appropriate and well-selected. However, I recommend incorporating additional recent studies (from the last 2-3 years) to reflect the latest trends and developments in nanochemistry, which would help position the manuscript within the current scientific discourse.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments |  |  |

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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)* |  |

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| **Reviewer Details:** | |
| Name: | **Saba Wahid Khan** |
| Department, University & Country | **H K College of Pharmacy, University of Mumbai, India** |