|  |
| --- |
|  |
| 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\_4803** |
| Title of the Manuscript:  | **Nanoparticle-Infused Chocolate: Revolutionizing Drug Delivery Systems-A Review** |
| Type of the Article | **Book Chapter** |

|  |
| --- |
| 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 manuscript combines cutting-edge advances in nanotechnology and pharmaceuticals, offering an innovative approach to the development of medicinal chocolate. The use of nanoparticles to improve, targeted delivery and controlled release of drugs opens up new prospects in medicine. In addition, the work addresses important issues of safety, toxicity, and regulatory aspects, making it valuable for further research and commercialization of similar products. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | If the main focus is on nanoparticles for drug delivery, and “chocolate” is just a metaphor, then it would be worth making the title more scientific: “Nanoparticles in Revolutionary Drug Delivery Systems: A Review” |  |
| 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 generally well structured and informative, but one small improvement could be made. Authors could briefly explain how exactly nanoparticles contribute to improved bioavailability of drugs. |  |
| **Is the manuscript scientifically, correct? Please write here.**  | The manuscript presents an interesting and innovative approach to drug delivery using nanoparticle-integrated chocolate. However, the manuscript lacks experimental data, quantitative analysis, or references to existing clinical studies that support the claims made. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | 7. **Improved Stability** Nanoparticles can protect sensitive drugs from degradation due to environmental factors such as light, heat, and oxygen. By encapsulating drugs in a stable nanoparticle matrix, their shelf life is extended, and their therapeutic effects are preserved until administration.[21, ]It is recommended to add the study https://doi.org/10.3390/jfb13040196 |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language quality of the article is generally clear and understandable, but the article can be improved for a more polished and professional tone suitable for scholarly communications. |  |
| 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:**

Aynura Karimova, Baku State University, Azerbaijan