

**Review Form 1.7**

Journal Name:	<b>Journal of Scientific Research and Reports</b>
Manuscript Number:	<b>Ms_JSRR_112362</b>
Title of the Manuscript:	<b>Fibroin nanoparticles and Its use in drug delivery : A Review</b>
Type of the Article	<b>Review Article</b>

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**PART 1: Review Comments**

	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)
<p><b>Compulsory REVISION comments</b></p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p><b>Yes, it is.</b></p> <p><b>Yes, but alternatively as “Unveiling the Therapeutic Promise of Fibroin Nanoparticles: A Review of Drug Delivery Applications”.</b></p> <p><b>Yes, it is.</b></p> <p><b>Yes, it is.</b></p> <p><b>Yes, it is.</b></p> <p><b>Yes, it is.</b></p> <p><b>Yes, it is.</b></p> <p>Positive:</p> <ol style="list-style-type: none"> <li>1. The review article provides a thorough overview of fibroin nanoparticles (FNPs) and their potential applications in drug delivery. It covers the biochemistry of FNPs, their synthesis and extraction techniques, and various assays used to determine their properties.</li> <li>2. The review article is well-structured, with clear headings and subheadings that make it easy to navigate.</li> <li>3. The review article provides a good balance of scientific detail and accessibility for a general audience. It includes relevant figures and tables to illustrate key points.</li> <li>4. The review article references recent research findings, demonstrating the author's knowledge of the current state of the field.</li> <li>5. The images have been captured with high resolution quality.</li> </ol> <p>Negatives:</p> <ol style="list-style-type: none"> <li>1. While the review provides a lot of information, it could benefit from a more critical analysis of the strengths and limitations of FNPs as a drug delivery system.</li> <li>2. The review briefly mentions future applications of FNPs, but it would be helpful to provide a more detailed discussion of the challenges and opportunities in this area.</li> <li>3. There are some sections that appear repetitive, such as the descriptions of fibroin isolation and nanoparticle synthesis.</li> <li>4. Reference sections to be aligned with respect to the journal guidelines.</li> </ol> <p>Need to be improved:</p> <ol style="list-style-type: none"> <li>1. Discuss and provide a more critical analysis of FNPs of the challenges and limitations of FNPs, such as their cost, scalability, and potential side effects. Compare FNPs to other drug delivery systems and highlight their unique advantages.</li> <li>2. Discuss future directions for the potential applications of FNPs in specific diseases</li> </ol>	

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	<p>or therapeutic areas. Identify the key challenges that need to be addressed for FNPs to become a mainstream drug delivery technology.</p> <p>3. Combine the sections that are repetitive. Focus on providing concise and impactful information.</p> <p>4. There are a few typos and grammatical errors that could be corrected.</p> <p>Overall, this is a well-written and informative review that provides a good overview of FNPs and their potential in drug delivery. By addressing the weaknesses and incorporating the suggestions, the author can further improve the quality and impact of their work, which would enhance the acceptance rate by the Editor's decision.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p><b>Optional/General</b> comments</p>		

**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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Balaji Nagarajan</b>
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