

Review Form 1.7

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Original Manuscript_JAMMR_117972
Title of the Manuscript:	Insights on the Importance and Use of Adjuvants in Vaccine Production Technology: A Mini-Review
Type of the Article	Minireview Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljammr.com/index.php/JAMMR/editorial-policy>)

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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<p><u>Compulsory</u> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Yes, the manuscript is important for the scientific community. It provides a comprehensive overview of vaccine adjuvants, including their historical development, types, and applications in modern vaccine technology. Understanding the function and significance of adjuvants is crucial for ongoing and future vaccine development.</p> <p>2. The title is quite clear and indicates that the paper provides insights into the importance and use of adjuvants in vaccine production. It also suggests that the paper will cover significant aspects of adjuvants in the context of vaccine production technology. It includes relevant keywords such as "adjuvants," "vaccine production," and "mini-review," which aids when searching for article but the phrase "Insights on" may not be as engaging as it could be. You may consider "The Importance and Use of Adjuvants in Vaccine Production Technology: A Mini-Review."</p> <p>3. The abstract is not very comprehensive</p> <p>4. The subsections and structure are appropriate,</p> <p>5. References are sufficient and recent but all all claims should be supported by references, e.g., details about mRNA vaccines being used since 2020 need a specific reference.</p>	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language of the article is scholarly and suitable</p>	
<p><u>Optional/General</u> comments</p>	<p>The introduction provides a historical perspective and the importance of vaccines, but the transition between topics is abrupt. For instance, moving from Edward Jenner to the classification of vaccines needs a smoother transition.</p> <p>On methodology, provide more details on the selection criteria for references. Specify how the relevance to the topic was determined.</p> <p>Ensure the methodology is consistent with the goals outlined in the introduction. Only the types of adjuvants have been classified</p> <p>Expand on the transition from early vaccine developments to modern adjuvants. More references would strengthen this section.</p> <p>Provide more specific examples and mechanisms of action for each type of adjuvant. The subsections are well-organized, but some, like "Polysaccharides" and "Surfactant Components," could benefit from more detailed descriptions and examples.</p> <p>The conclusion should summarize the key points discussed and reinforce the importance of adjuvants in vaccine technology and include a brief discussion on future research directions or emerging trends in vaccine adjuvant development.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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