

Review Form 1.7

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_109655
Title of the Manuscript:	Antiviral Activity of Approved Anti-inflammatory Drugs and Prospects for Drug Repurposing: A mini-review
Type of the Article	Review Article

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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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> Importance of the Manuscript: The manuscript is indeed important for the scientific community, as it addresses a critical issue in drug discovery and development, particularly in the context of antiviral drugs. The challenges associated with discovering new antiviral agents, the decline in development rates, and the emergence of drug resistance highlight the urgent need for alternative or synergistic antiviral drugs. The focus on repurposing approved anti-inflammatory drugs for their potential antiviral activities provides a valuable strategy to expedite the development of effective therapies, especially against emerging infectious diseases like Zika, Ebola, and COVID-19. The comprehensive review of preclinical studies adds to the existing knowledge base and may guide future research in the field. Suitability of the Title: The title is suitable for the content of the manuscript, accurately reflecting the focus on drug repurposing, antiviral activity, and approved anti-inflammatory drugs. It concisely conveys the main themes of the article. Comprehensiveness of the Abstract: The abstract provides a comprehensive overview of the manuscript, summarizing the key points, the structure of the review, and the specific viruses and drug families discussed. Appropriateness of Subsections and Structure: The subsections and overall structure of the manuscript are appropriate. The organization by virus families, along with the presentation of potential targeted pathways, enhances clarity and facilitates the understanding of the diverse antiviral activities of the discussed drugs. The use of subsections for each virus family contributes to a logical flow of information. Scientific Correctness: The manuscript appears to be scientifically correct, with a thorough review of preclinical studies providing evidence for the antiviral activities of approved anti-inflammatory drugs. The inclusion of in silico, in vitro, and in vivo studies lends depth to the analysis. The mechanistic insights into the antiviral actions of these drugs contribute to the scientific validity of the findings. Sufficiency and Recency of References: The references are sufficient and appear to be recent, considering the manuscript's focus on preclinical studies. However, it's advisable to ensure that the most up-to-date literature is included, especially in the rapidly evolving field of antiviral drug development. If available, recent reviews or key studies published after the manuscript's cutoff date could be considered for inclusion. <p>Additional Comments: The manuscript effectively highlights the potential of drug repurposing, specifically with anti-inflammatory drugs, in addressing the challenges associated with antiviral drug development. The detailed examination of different virus families and the mechanisms of action of the discussed drugs adds depth to the review. It could be beneficial to briefly address any limitations or challenges associated with the use of these drugs as antivirals and to suggest potential directions for future research in this area.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>The language and English quality of the article are generally suitable for scholarly communication. The text is well-written, and the language used is appropriate for conveying scientific information. The author effectively communicates complex scientific concepts and findings, and the manuscript is free from major grammatical or language issues that would hinder understanding.</p>	

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Optional/General comments	The manuscript provides a comprehensive and well-organized review of the antiviral activities of approved anti-inflammatory drugs. The inclusion of in silico, in vitro, and in vivo studies across various virus families adds depth to the analysis. The focus on drug repurposing as a strategy for developing antiviral therapies is timely and relevant. Overall, the manuscript contributes valuable insights into the potential of repurposing anti-inflammatory drugs for antiviral purposes, and the optional suggestions provided aim to further strengthen the manuscript.	
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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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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