

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Advanced Research and Reports</b>
Manuscript Number:	<b>Ms_AJARR_111110</b>
Title of the Manuscript:	<b>Research Progress of Artificial Neural Network and its Application in Pharmacy</b>
Type of the Article	<b>Review</b>

**Review Form 1.7**

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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><b>Compulsory REVISION comments</b></p> <p><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p><b>3. Is the abstract of the article comprehensive?</b></p> <p><b>4. Are subsections and structure of the manuscript appropriate?</b></p> <p><b>5. Do you think the manuscript is scientifically correct?</b></p> <p><b>6. Are the references sufficient and recent? If you have suggestion of</b></p>	<p>Yes the manuscript offers an understanding of the current state of the field and showcases the promising applications of ANNs in pharmacy</p> <p>The title "Research Progress of Artificial Neural Network and its Application in Pharmacy" is technically okay but a bit lengthy. Here is a suggestion. "Advances in Neural Networks for Pharmaceutical Applications"</p> <p>The abstract for the article is a good start, but it could be improved in a few ways to be more engaging: The abstract is quite general and doesn't provide enough details about the specific research progress or applications discussed in the article. Start with a sentence that grabs the reader's attention and highlights the significance of ANNs in pharmacy. For example, you could say: "Artificial neural networks are revolutionizing the pharmaceutical industry, offering new solutions for drug discovery, analysis, and clinical care." Below is an improved version to look at and work on: "Artificial neural networks (ANNs) are rapidly changing the landscape of the pharmaceutical industry. Their unique capabilities, including collective computing, adaptive learning, and fault tolerance, make them ideal for tackling complex challenges in drug discovery, analysis, and personalized medicine. This article summarizes the latest research progress in ANNs for pharmacy, highlighting breakthroughs in areas like QSAR modeling for drug design, pharmacokinetic prediction, and optimization of pharmaceutical preparations. We also showcase practical examples of how ANNs are being implemented in various aspects of drug development, from identifying promising drug candidates to predicting individual patient responses to treatment. With their immense potential to accelerate drug development, improve drug efficacy, and personalize healthcare, ANNs are poised to revolutionize the future of pharmaceuticals."</p> <p>The structure of the manuscript appears to be appropriate and follows a logical flow. The subsections within each section are also organized and cover the relevant topics. You can further improve on them with the following suggestions:</p> <ul style="list-style-type: none"> <li>• Some subsection titles could be made more concise and informative. For example, "3.1 Research progress of artificial neural network in pharmaceutical field" could be shortened to "3.1 ANN Applications in Pharmaceutics."</li> <li>• Consider Adding Visuals: diagrams could be used to enhance the explanation of complex concepts and results. For example, including a figure showing the architecture of an ANN used in drug design could be helpful.</li> </ul> <p>Yes</p> <p>The references you have provided are a bit sufficient and recent for a research paper on ANN applications in pharmacy. However for improvement you should consider adding a few more references to support the future directions of ANN research in pharmacy. This will show your readers that you are aware of the latest trends and developments in the field.</p>	

**Review Form 1.7**

<p><b>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>Include a section for future directions by briefly discussing the potential future research directions or promising areas where ANNs could be further explored in the pharmaceutical field.</p>	
<p><b>Minor REVISION comments</b></p> <p><b>1. Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language and English quality of your article show potential for scholarly communication</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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

<p>Name:</p>	<p><b>Timothy Imanobe Oliomogbe</b></p>
<p>Department, University &amp; Country</p>	<p><b>Novena University Delta State, Nigeria</b></p>