

## REVIEWER'S REPORT

Manuscript No.: IJAR-51862

Date: 24/5/2025

### Title:

siRNA: Its Translation from Research to Therapeutic Applications

### Recommendation:

Accept as it is .....

**Accept after minor revision.....**

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality		Good		
Clarity		Good		
Significance		Good		

Reviewer Name: Dr.Sumathi

Date: 24/5/2025

### Reviewer's Comment for Publication.

*(To be published with the manuscript in the journal)*

*The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name*

Translation from research refers to the process of taking research findings and applying them in real world settings, such as clinical practice or policy making.

## Detailed Reviewer's Report

1. Translational research also known as bench to bedside medicine, aims to translate scientific discoveries into practical applications that improve human health.
2. Small interfering RNA are double stranded RNA molecules that are approximately 20-25 nucleotides long.

# International Journal of Advanced Research

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3. They play a role in RNA interference a mechanism that regulates gene expression by silencing specific genes.
4. Therapeutic applications refer to the use of interventions to prevent, diagnose, monitor, alleviate, treat, cure, or compensate for a disease, ailment, defect, or injury.
5. These applications encompass a wide range of approaches, including pharmaceutical interventions, surgical procedures, physical therapy, mental health support and more.
6. Seems only theoretical research. Because there is specifically no results and tables.
7. In introduction part can be added significant point of flow chat.
8. Key words must be included.
9. Summary part can be given.
10. References should be in alphabetical order.
11. Can be continued to explore more about this research.
12. After minor corrections can publish in your journal.