

REVIEWER'S REPORT

Manuscript No.: IJAR-53983

Date: 22/9/2025

Title:

REBUILDING HEARTS WITH CRISPR-CAS9

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: 22/9/2025

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.

Cardiovascular disease refers to a group of conditions that affect the heart and blood vessels. CVD is the leading cause of death worldwide. It can be caused by a buildup of plaque in the arteries which can narrow them and reduce blood flow.

Detailed Reviewer's Report

- 1. Hypertrophic cardiomyopathy is a condition in which the heart muscle becomes abnormally thick. This thickening can lead to problems with the hearts ability to pump blood effectively.**
- 2. Gene therapy is a technique that uses a gene to treat, prevent or cure a disease or medical disorder.**

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- 3. Often, gene therapy works by adding new copies of a gene that is broken, or by replacing a defective or missing gene in a patients cells with a healthy version of that gene.**
- 4. Global health equity refers to the fair and just distribution of health resources, services, and outcomes across the world, regardless of factors such as geography, income level, ethnicity or gender.**
- 5. It aims to ensure that all people have the opportunity to achieve their optimal health potential, regardless of where they live.**
- 6. Rebuilding hearts refers to cardiac regeneration an experimental field focused on repairing heart damage after a heart attack by promoting the growth of new functional heart muscle tissue.**
- 7. Cardiovascular disease remains the leading cause of death in the united states and worldwide.**
- 8. Research topic very useful but very less informations are given.**
- 9. Results part should be in separate with tables and graphs.**
- 10. Summary points must be included.**
- 11. References should be in alphabetical order with more references can be included.**
- 12. Introduction part information is very less not sufficient. So should be added with flow chart of significant points.**
- 13. After including more informations only good to publish in your journal.**
- 14. Relevant pictures must be added.**