

Review Form 1.7

Journal Name:	Asian Journal of Research in Cardiovascular Diseases
Manuscript Number:	Ms_AJRCD_101142
Title of the Manuscript:	Innovative approaches to control hypertension: article review
Type of the Article	Review 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.journalca.com/index.php/CA/editorial-policy>)

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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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Yes This paper is very helpful for scientific community for MYOCARDIAL INFARCTION REVEALING.</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title) It is ok.</p> <p>3. Is the abstract of the article comprehensive? Yes</p> <p>4. Are subsections and structure of the manuscript appropriate? Yes</p> <p>5. Do you think the manuscript is scientifically correct? Yes</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. Yes <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>In the paper, authors present “ Pharmacological treatment of arterial hypertension with the viscometer as a measurement parameter.</p> <p>Abstract :</p> <p>Raised blood pressure is one of the top global risks for death and disability estimated to have caused over 10 million deaths. Improving the control of hypertension is a major global health care goal. Hypertension is also a major risk factor to most of heart diseases. Recent approaches to control hypertension require multidisciplinary efforts between patient, family, community and health team members. After a thorough literature review, the researcher found that approaches to control hypertension are still develops daily. It composed of pharmacological, non-pharmacological, surgical and technological approaches.</p> <p>Detailed comments and questions are provided below: The current work has some weakness and vague grammatical mistakes and lack of enough literature support are significant concerns. English of the entire manuscript needs to be improved for clarity and cohesiveness. Various examples are given. However, in my opinion this paper needs minor revision.</p> <p>Paper is well written and can be accepted after proper revision.</p> <p>Issue 1 Explain the section. RNA Interference</p> <p>Gene Editing—Somatic Gene Editing of PCSK9 Innovative Non pharmacological approaches to control hypertension:</p> <p>Issue 2:</p> <p>Why do you only provide analysis for measuring cell viability? I guess, it is probably because of the limitation of your modeling. If not, I recommend developing it also for the other boundary conditions.</p> <p>Issue 3: There are many sentences with no reference. There is a need for referencing from "reliable" and "fundamental" papers or textbooks. The Conclusions section should be improved. The main contributions and outcome of the article should be highlighted.</p> <p>Issue 4: I suggest to authors that present more explain about the algorithm. I think this is a point the author(s) should mention and discuss. The technique is described too quickly, and a reference to an internal report is not sufficient for a reader.</p> <p>Issue5: The language, sentence formation and grammar of the entire manuscript need to be improved for clarity and cohesiveness. It is better to check the English by a native speaker.</p>	

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	<p>Issue 6: Please compare the results with above said references for the validation of paper.</p> <p>Issue 7: Some new references about research subject should be added entirely in the reference list and cited adequately in the text such as following. As it stands, the goal of this review is not evident, and I suggest that it is better organized.</p> <ol style="list-style-type: none"> 1. Effects of elastic medium on buckling of microtubules due to bending and torsion. Advances in Concrete Construction, An International Journal. 2. The effects of the surrounding viscoelastic media on the buckling behavior of single microfilament within the cell: A mechanical model. Advances in Concrete Construction, An International Journal 3. Analysis of nonlocal Kelvin's model for embedded microtubules: Via viscoelastic medium Smart Structures and System., 4. Discretization and bifurcation analysis of tumor immune interaction in fractional form. 5. Instability analysis of microfilaments with and without surface effects using Euler theory 6. Effects of elastic medium on the electric potential of neural tissue by using spherical bidomain 7. Mechanics of anisotropic muscles embedded in viscoelastic medium" 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Major Revision</p>	
<p>Optional/General 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>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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