

[Review Form 2](#)

Book Name:	Achievements and Challenges of Medicine and Medical Science
Manuscript Number:	Ms_BPR_3313
Title of the Manuscript:	STEM CELL BREAKTHROUGHS: A CURE IN SIGHT?
Type of the Article	Book Chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>Here are important points that highlight the significance of the manuscript on stem cells for the scientific community:-</p> <ol style="list-style-type: none"> 1. The manuscript provides a thorough overview of the history and evolution of stem cell therapy, from its inception to modern advancements, which serves as a valuable reference for researchers and practitioners in regenerative medicine. 2. By detailing various stem cell types (hematopoietic, mesenchymal, and neural) and their applications in treating a range of conditions, the manuscript emphasizes the versatility of stem cells, encouraging exploration into their potential therapeutic uses. 3. The discussion of ethical dilemmas, particularly regarding embryonic stem cells, fosters important dialogue within the scientific community. Addressing these issues is essential for guiding responsible research practices and policy development. 4. The manuscript outlines future research directions, including the need to understand molecular pathways and develop innovative delivery systems. This focus encourages collaboration and innovation in the field, aiming for improved efficacy and safety of stem cell therapies. 5. The potential for stem cells to redefine treatments for degenerative diseases could significantly impact patient outcomes, making this research relevant for both scientific advancement and clinical applications, thus bridging the gap between research and practical healthcare solutions. <p>I appreciate this manuscript for its balanced approach, merging scientific progress with ethical considerations but the content length is too short need to improvise the content length. It effectively highlights the promise of stem cell therapy while acknowledging the challenges that need to be addressed.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>YES, The title of this manuscript is suited well to the article context</p>	

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<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>YES (Abstract needs moderate revision)</p> <p>The abstract is comprehensive enough to provide a brief overview of the manuscript. But it should include the following minor revision which is missing. It need to format the above abstract in a structured format. (which include Aim/Methodology/Result/Conclusion/Keywords.</p> <p>As per my suggestion, the abstract should be under the 300–350 word limit. It should summarize the points like the aim and objectives of the review manuscript, the methodology or methods that are adopted in the research manuscript, the discussion, and the conclusion of the research manuscript in a single paragraph. (Rather than to do not write or mention anything on it as a structured abstract)</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>YES (The subsections and structure of the manuscript is appropriate) Need to add a Graphical Abstract to make more impact to readers.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript is scientifically robust and technically sound but need to justify:- There are few questions related to the manuscript which is need to be justify:-</p> <ol style="list-style-type: none"> 1. There is a missing of a graphical abstract. 2. Abstract need to be arrange in a proper format which should include- Aim/Methodology/Result and Conclusion likewise). 3. Please use this bracket [] in all citations instead of (). Correct grammatically." 4. There is a missing graphical abstract. The authors need to add a well-labeled graphical abstract diagram that provides a basic idea about this manuscript." 5. Please go through a revision related to spelling, punctuation, spacing between the words, and grammar. (especially dosage). 6. There is missing of text references for the figures and tables which are used in whole manuscript. Author is requested to kindly revised it and fixed it. 7. Author need to add diagramatic representation on Structure of stem cell, overview diagram for the various applications of stem cells, Summarized diagram for various types of stem cells.All figures needs the declaration of copyright related to images and their quality. 8. Authors need to arrangep the manuscript properly. 9. Headings and subheadings are not properly formatted, authors need to revised it. 10. Authors need to mention all the clinical and pre-clinical evidences of this stem cell therapy in a tabular manner. 11. In Introduction author need to mention about the various types of stem cells. 12. Author need to mention the diagram for showing that what the exact patho-physiology behind the stem cell therapy based treatment according to various disease aliment. 13. Author need to mentioned the marked formulations (If any) which are based on stem cell drug option kindly listed in a tabular manner. 14. The author needs to include at least five recent case studies on stem cell-based treatment approaches for the disease alignment. 15. 	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Total References are 30 which is to be quite OK for this review manuscript , If possible, It has to be increase 80 to 100. (To summaries more factual data).</p>	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Please go through a revision related to spelling, punctuation, spacing between the words, and grammar. (especially dosage).	
Optional/General comments	Other than the above, there are some technical corrections required, and the author is to be requested to please ensure before their final submission, like: <ol style="list-style-type: none">1. For the entire manuscript, please ensure that the font size is 12 and Times of Roman.2. Please make sure that the whole manuscript text or paragraphs are justified.3. The author suggested that you please follow the heading criteria in the whole manuscript, with H₁, H₂, and H₃ patterns.4. Please ensure that the total word count is below the standard limit, as per the editor's suggested guidelines. Please make sure that the manuscript is set or adjusted according to the projected chapter outline.	

PART 2:

	Reviewer's comment	Author's comment <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>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Deepak Chandra Joshi
Department, University & Country	School of Chemical Sciences and Pharmacy, Central University, India