

Review Form2

Book Name:	Scientific Research, New Technologies and Applications
Manuscript Number:	Ms_BPR_2504
Title of the Manuscript:	Carbon Responsible Signal Transaction in Molecular Nature of Sensory Protein: A Vision for Robot
Type of the Article	Book chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	Despite its current flaws, this manuscript attempts to explore a novel and potentially important connection between carbon frameworks within proteins and their role in signal transduction, particularly in the context of sensory proteins like rhodopsin. If the concepts presented are refined and supported by robust scientific evidence, this research could contribute to a deeper understanding of protein function and potentially lead to innovative applications in areas like bioengineering and robotics. However, in its current form, the manuscript lacks the clarity and scientific rigor necessary to make a significant impact on the scientific community. The vague terminology, unsubstantiated claims, and grammatical errors hinder the understanding and acceptance of the proposed ideas. Therefore, while the underlying concept holds promise, significant revisions are required to make this manuscript a valuable contribution to the scientific community.	
Is the title of the article suitable? (If not please suggest an alternative title)	No, the current title "Carbon Responsible Signal Transaction in Molecular Nature of Sensory Protein: A Vision for Robot" is not suitable. It is grammatically awkward and doesn't accurately reflect the content of the manuscript. I suggest: (Investigating the Role of Carbon Frameworks in Signal Transduction of Sensory Proteins)	
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.	No, the current abstract is not comprehensive and requires significant revisions. It is filled with grammatical errors, unclear phrasing, and lacks a clear and concise summary of the research findings. The Abstract must be small paragraph about Background of study, aim, results, conclusins in abstraced way	
Are subsections and structure of the manuscript appropriate?	The structure of the manuscript is generally appropriate for a scientific paper, but the subsections could be improved for clarity and organization.	
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 minimumof 3-4 sentences may be required for this part.	Unfortunately, in its current state, this manuscript does not demonstrate sufficient scientific correctness or technical soundness. Several aspects raise concerns such as a lack of Clear Definitions and Established Scientific Basis, insufficient Evidence, and weak Argumentation and methodological Concerns regarding the crucial details of the specific techniques, parameters, and data analysis methods used. This lack of transparency makes it difficult to assess the validity and reliability of the results.	

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Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	No, the references are not sufficient and I suggest adding more recent references. Please increse references also, suggest these reference as cite https://jns.kashanu.ac.ir/article_114406.html	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	No, the language and English quality of the article are not suitable for scholarly communication. The manuscript suffers from numerous grammatical errors, awkward phrasing, and unclear sentence structures. These issues significantly hinder the readability and comprehension of the presented ideas.	
Optional/General comments	The Most Important Point It's worth noting that the figures and results presented in the Manuscript are extremely limited, with only one figure displayed. This is considered very short compared to the importance of the study, as it would have been possible to predict many results using various software programs such as molecular docking programs, which are used to simulate interactions between compounds. please refer to this research as an example and related to the study: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4888820/ https://royalsocietypublishing.org/doi/10.1098/rsfs.2020.0033 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9692202/ - Grammatical Errors: Incorrect verb tenses, subject-verb agreement issues, and improper use of articles and prepositions are prevalent throughout the text. - Awkward Phrasing: Many sentences are convoluted and difficult to understand due to poor word choice and awkward phrasing. - Unclear Sentence Structures: The lack of clear sentence structures further contributes to the confusion and makes it challenging to follow the author's arguments. - Overuse of Informal Language: Phrases like "and all" and "one" are overused and make the writing sound informal and unprofessional. - Inconsistent Terminology: The inconsistent use of terminology and lack of clear definitions further contribute to the confusion. - The discussion is often vague and speculative. More concrete evidence and analysis are needed to support the claims.	

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

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