|  |  |
| --- | --- |
|  | |
| Book Name: | [**Chemistry and Biochemistry: Research Progress**](https://www.bookpi.org/bookstore/product/chemistry-and-biochemistry-research-progress-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4676** |
| Title of the Manuscript: | **Rabbit angiotensin-converting enzyme-2: 3D structural reconstruction and comparison with its human analog** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**International Journal of Molecular Sciences, 25(22): 12393, 2024.**

**Available:**[**https://doi.org/10.3390/ijms252212393**](https://doi.org/10.3390/ijms252212393)

|  |  |  |
| --- | --- | --- |
| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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. A minimumof 3-4 sentences may be required for this part.** | **This study is important because it helps scientists understand how rabbit ACE2 is structured and how it compares to human ACE2. Since ACE2 plays a key role in blood pressure control and is the entry point for certain viruses like COVID-19, this research shows that rabbits can be a good model for studying these topics. The findings could help in developing better treatments for diseases related to ACE2.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| 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. | **The abstract is quite detailed and covers the key aspects of the study** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes Sufficient if in need can incorporate few more like**  **"Structural Basis of Increased Binding Affinities of Spikes from SARS-CoV-2 Variants to Rabbit ACE2" (2023)**  <https://journals.asm.org/doi/10.1128/mbio.02988-23>  **"Susceptibility of Rabbits to SARS-CoV-2" (2020)**  <https://www.tandfonline.com/doi/full/10.1080/22221751.2020.1868951> | AZ: We added the first reference suggested in the revised version of the manuscript, while the second reference was already included in the manuscript (Ref. 14). |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/Generalcomments |  | AZ: We are thankful for your review regarding our manuscript. |

|  |  |  |
| --- | --- | --- |
| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment*(if agreed with the 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?** |  |  |

**Reviewer details:**

**Saba Zafar, Changchun University of Science and Technology Changchun P R China, Pakistan**