

Review of: "Forecasting of the influence of physical fields on the metabolic nanocurrent in proteins"

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Potential competing interests: No potential competing interests to declare.

In the presented paper, '**Forecasting of the influence of physical fields on the metabolic nanocurrent in proteins**', the authors discuss various examples related to their research subject. However, the paper has some weaknesses, including vague grammatical mistakes, lack of sufficient literature support, and inadequate organization of references. To improve the paper, the authors should add new references to the reference list and adequately cite them in the text. They should also improve the organization of the paper and provide detailed comments and questions regarding the research subject.

1. the paper lacks sufficient references, and the goal of the review is not clear. Therefore, the authors should organize the paper better and add new references to the reference list to support their research subject. Authors should better explain the rationale sustaining the two equations of the Oxygen and Nitrogen-Oxygen models.
2. the authors need to improve the visualization of their graphs to make them more readable for the reader.
3. the authors only provide analysis for measuring cell viability, which might be due to the limitation of their modelling. Therefore, the authors should consider developing the analysis for other boundary conditions as well.
4. the paper lacks proper referencing from reliable and fundamental papers or textbooks. Therefore, the authors should improve the Conclusions section and highlight the main contributions and outcomes of the article.
5. the authors need to provide more information and explanation about their algorithm. The technique is described too quickly, and the reference to an internal report is not sufficient for a reader.

Finally, the language, sentence formation, and grammar of the entire manuscript need improvement for clarity and cohesiveness. It is recommended that the authors have a native speaker check the English to ensure its correctness.