

Review Form 3

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| Journal Name: | Asian Journal of Research in Computer Science |
| Manuscript Number: | Ms_AJRCOS_123091 |
| Title of the Manuscript: | Development of a basic database for quick screening of anti-amyotrophic lateral sclerosis druglike compounds. |
| Type of the Article | |

Review Form 3

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> |
|---|--|---|
| 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. | This manuscript is crucial for ALS research, offering a specialized database that accelerates drug discovery. Its meticulous design and accessibility foster global collaboration, though a deeper comparison with existing resources would better highlight its novelty and impact. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The title "Development of a Basic Database for Quick Screening of Anti-Amyotrophic Lateral Sclerosis Druglike Compounds" is suitable as it clearly conveys the focus of the manuscript on creating a database for ALS drug screening. However, to make it more precise and impactful, you could consider the following alternative: "Creation of OTPD4ALS: A Specialized Database for Rapid Screening of Anti-Amyotrophic Lateral Sclerosis Drug Candidates" | |
| 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 comprehensive but would benefit from clearer objectives, detailed methodology, and a stronger emphasis on the database's novelty. Additionally, providing the full names or meanings of acronyms used in the abstract is recommended. | |
| Are subsections and structure of the manuscript appropriate? | The subsections and structure of the manuscript are generally appropriate. However, ensuring that each section logically flows and aligns with the manuscript's objectives is crucial. Some subsections may benefit from more detailed headings or reorganization to improve clarity and coherence. | |
| 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. | The manuscript appears scientifically robust and technically sound due to its thorough data collection and rigorous methodology. The authors have employed appropriate statistical techniques and validated their findings with relevant experiments, ensuring the reliability of the results. Additionally, the study is well-referenced, indicating a solid understanding of the existing literature and current research gaps. The meticulous attention to detail in the design and analysis further strengthens the manuscript's scientific credibility. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | The references provided are generally sufficient and relevant, covering key aspects of ALS research and database design. However, ensuring the inclusion of recent and high-impact studies can enhance the manuscript's credibility. | |
| <u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications? | Yes | |
| <u>Optional/General</u> comments | Consider addressing how the OTPD4ALS database could be integrated with other existing databases or tools to enhance its utility and collaboration potential. Also , include the review of related work. | |

Review Form 3

PART 2:

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| | Reviewer's comment | Author's comment <i>(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)</i> |
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in detail)</i> No | |

Reviewer Details:

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