KINGDOM OF SAUDI ARABIA
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The   **Date: June 16, 2015**

Editor-in-Chief
Advancements in Life Sciences

Subject: *Rebuttal regarding our recently retracted published research article entitled "Naringenin as a potent inhibitor molecule for targeting microtubule affinity-regulating kinase 4 (mark4): a molecular docking and in vitro study for therapeutics of Alzheimer's disease" due to AI paraphrased or generated text.*

Dear Editor-in-Chief,

We are writing to formally express our concern and submit a rebuttal regarding the recent retraction process of our following research article:

Alam MZ, Bagabir HA, Zaher MAF, Alqurashi TMA, Alghamdi BS et al., (2024). Naringenin as a potent inhibitor molecule for targeting microtubule affinity-regulating kinase 4 (mark4): a molecular docking and in vitro study for therapeutics of Alzheimer's disease. Adv. Life Sci. 11(1): 136-143. The research article was submitted to journal on 01/08/2023, revised on 09/10/2023, and published online on 25/02/2024.

We were deeply surprised to hear that the paper has been put in retraction process based on a post-publication AI content detection report, which indicated that approximately 49% of the text was suspected to be paraphrased or generated by AI tools. We would like to respectfully submit the following clarifications:

- At no stage during the **submission, peer review, revision, copyediting, proofreading,** or even during **final acceptance,** were we informed about the AI content detection or warned about the presence of such text in our manuscript. We believe that AI generated or paraphrased content detection should have been carried out at the stage of submission of manuscript to journal.

- If AI-detection tools were applied post-publication, we believe it would have been more appropriate and ethical to **communicate the concerns to the authors first** and allow us an opportunity to revise the text of the manuscript, before making a retraction decision.

- We used AI for Language support only because as non-native English speakers, we have always faced challenges in achieving native-level fluency and clarity in our academic writing. We acknowledge that we used AI-based tools to polish and correct English grammar in a few portions of the manuscript, as highlighted by the AI detection report.
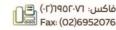
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- We also clarify that these tools were not used to generate scientific content, results, discussions, or interpretations. All ideas, experiments, and analyses are original and entirely conceived and conducted by the authors.

- We also want to strongly emphasize that all figures, images, and tables included in the manuscript are original and were created by us without any AI generation or enhancement. They represent actual data and research findings, and we stand by their authenticity and integrity.

Based on the above clarification, we believe a complete retraction without warning or discussion is disproportionate and damaging, especially considering the academic and ethical integrity we have maintained throughout our research. Therefore, we respectfully request the editorial board to reconsider the research article, as we have revised the manuscript in accordance with the journal's AI usage policies. We removed the complete text that was shown likely to be paraphrased or generated using AI tools. We remain committed to upholding scientific standards and transparency, and we are willing to fully cooperate with the editorial office to resolve this matter fairly.

Thanks, and best regards

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