## Review of: "A Review of the Scientific Literature on Experimental Toxicity Studies of COVID-19 Vaccines, with Special Attention to Publications in Specific Toxicology Journals"

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Potential competing interests: No potential competing interests to declare.

Dear Dr. Jose L. Domingo,

Thank you for submitting your article "A Review of the Scientific Literature on Experimental Toxicity Studies of COVID-19 Vaccines, with Special Attention to Publications in Specific Toxicology Journals" for peer review. I have carefully reviewed your manuscript and would like to provide you with specific comments for each subsection:

1. Introduction:

- Comment 1: Consider providing a brief overview of the current understanding of COVID-19 and the importance of studying the potential toxic effects of COVID-19 vaccines in laboratory animals.

- Comment 2: It would be valuable to mention any limitations or gaps in the existing literature on nonclinical studies of COVID-19 vaccine toxicity.

2. Search strategy:

- Comment 3: Please provide more details on the specific search terms and criteria used in your literature search, including any inclusion or exclusion criteria.

- Comment 4: Consider mentioning the number of articles retrieved from PubMed and Scopus for each search term to provide a better understanding of the available literature.

3. Studies on the adverse/toxic effects of COVID-19 vaccines published in non-specific toxicological journals:

- Comment 5: It would be beneficial to summarize the main findings of the studies reviewed in this subsection and discuss their implications for the safety profile of COVID-19 vaccines.

- Comment 6: Consider providing a critical analysis of the methodologies used in the reviewed studies and their potential limitations.

4. Studies on the adverse/toxic effects of COVID-19 vaccines published in specific toxicology journals:

- Comment 7: Please provide a summary of the findings from the studies published in specific toxicology journals and discuss any patterns or trends observed.

- Comment 8: Consider discussing the implications of these specific toxicology studies for the safety assessment and regulatory approval of COVID-19 vaccines.

5. Discussion:

- Comment 9: It would be helpful to provide a comprehensive synthesis of the overall findings from the reviewed literature and discuss the current understanding of the toxic effects of COVID-19 vaccines in laboratory animals.

- Comment 10: Consider highlighting any gaps or areas of future research that need to be addressed to further evaluate the safety profile of COVID-19 vaccines.

Overall, your review provides a valuable analysis of nonclinical studies on the toxic/adverse effects of COVID-19 vaccines in laboratory animals. Addressing the comments mentioned above will enhance the clarity, depth, and significance of your manuscript. I encourage you to revise your article accordingly.

Best regards,