

Review Form 3

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_123745
Title of the Manuscript:	Haematological and Histological Effects of Nanoplastics Released from Nonfood-grade and Nonwoven Polyethene Bags on Mice
Type of the Article	

Review Form 3

PART 1: Review Comments

<u>Compulsory</u> 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.	The study presents a valuable contribution to the growing body of research on the environmental and health implications of microplastics. It could have included detailed characterization of the nanoplastics used, including size distribution and surface properties, would strengthen the study's reproducibility and allow for better comparisons with other research.	
Is the title of the article suitable? (If not please suggest an alternative title)	It is ok but just suggesting an alternative title, to make your paper title more engaging and understandable to a wider audience eg: Polyethylene Nanoplastics -A threat to Haematopoiesis and Tissue integrity in Mice.	
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.	<p>Abstract provides a clear, concise overview of study effectively summarizing research question, methods and key finding But making a few changes like</p> <ul style="list-style-type: none"> • Nonfood-grade and nonwoven polyethylene (NFWP) bags which is frequently used in microwave cooking or carrying hot foods" could be shortened to "Nonfood-grade nonwoven polyethylene (NFWP) bags. • A brief statement about the significance of the study would strengthen the introduction. For example, "The widespread use of NFWP bags raises concerns about potential health risks due to the release of nanoplastics." • A more specific mention of the statistical tests used to analyze the data would enhance the methodology <p>The suggested revisions aim to improve its conciseness and clarity.</p>	
Are subsections and structure of the manuscript appropriate?	Yes	
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 study provides compelling evidence that nanoplastics released from NFWP bags can have adverse effects on animal health. However, additional information regarding the characterization of nanoplastics, statistical analysis, and dose-response relationships would further strengthen the conclusions and provide a more comprehensive understanding of the potential health risks associated with these materials.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are sufficient, but instead of et al, include the name of the other authors and add year after the authors name (follow APA referencing style) journal title and volume must be in italics. Format to hanging indent.	
<u>Minor</u> REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	It is fine, a few suggestion pointed out, if the necessary would be helpful in improving the paper	
<u>Optional/General</u> comments		

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with 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 details)</i>	

Reviewer Details:

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