

## Review Form 1.7

Journal Name:	Asian Hematology Research Journal
Manuscript Number:	Ms_AHRJ_115251
Title of the Manuscript:	The Hematological Profile, Hepatic Marker, and Histomorphology Effects on Canned Tomato Consumption Using Adult Male Wistar Rats
Type of the Article	

### PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<b>Compulsory</b> REVISION comments		
1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)	Yes, This manuscript contributes valuable insights to the scientific community, particularly in the fields of nutrition, toxicology, and biomedical research. By investigating the effects of canned tomato consumption on hematological parameters, liver markers, and histology using adult male Wistar rats, the study addresses an important gap in understanding the physiological impacts of a commonly consumed food product. The findings provide evidence for the potential health benefits and risks associated with tomato consumption, informing further research and potential dietary recommendations for both humans and animals.	
2. Is the title of the article suitable? (If not please suggest an alternative title)	The title "The Hematological Profile, Hepatic Marker, and Histomorphology Effects on Canned Tomato Consumption Using Adult Male Wistar Rats" effectively communicates the main focus and scope of the study.	
3. Is the abstract of the article comprehensive?	The abstract provides a good overview of the study, summarizing the objectives, methods, results, and conclusions concisely. It effectively outlines the purpose of the research, the experimental design, key findings regarding hematological parameters, liver markers, and histomorphology, and the conclusions drawn from the data.	
4. Are subsections and structure of the manuscript appropriate?	The manuscript's subsections effectively organize the study into Introduction, Methods, Results, Discussion, and Conclusion, facilitating clear understanding. Each subsection provides detailed information on different aspects of the research process, aiding comprehension. Overall, the structure appears suitable for conveying the study's objectives, methods, findings, and implications efficiently.	
5. Do you think the manuscript is scientifically correct?	The manuscript adheres to established scientific protocols and analytical methodologies commonly employed in research involving laboratory animals. This includes rigorous experimental design, appropriate sample collection and analysis techniques, and statistical methods for data interpretation. These practices uphold the scientific integrity and reliability of the study's findings within the field of biomedical research.	
6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.	The references provided offer a substantial foundation for the manuscript, encompassing a range of relevant studies on tomatoes, their nutritional properties, health benefits, and physiological effects. However, considering the interdisciplinary nature of the topic, incorporating references from related areas such as food science, nutrition, and biomedical research could further enrich the discussion and provide a broader perspective on the subject matter.	
<b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b>	The manuscript demonstrates a comprehensive review of the nutritional composition and health impacts of tomatoes, adhering to standard scientific methodologies and analytical techniques. However, to enhance its scholarly communication potential, the authors should focus on ensuring a logical flow of information with clear section headings., critical analysis of the findings, transparency in reporting methodologies, and engagement with contrary evidence would strengthen the manuscript's credibility and impact.	

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<b>Minor</b> REVISION comments <b>1. Is language/English quality of the article suitable for scholarly communications?</b>	The language and English quality of the article are generally suitable for scholarly communication.	
<b>Optional/General</b> comments	The manuscript provides a comprehensive review of the nutritional composition and health benefits of tomatoes, backed by a range of scientific studies. The language and English quality are suitable for scholarly communication. The manuscript follows standard scientific methodologies and analytical techniques, particularly in discussing the phytochemical constituents and hematological profiles of canned tomatoes. However, the discussion could be strengthened by providing more detailed interpretations of the results and their implications. Additionally, while the references are sufficient and recent, including a few more recent studies could further enrich the discussion. Overall, the manuscript presents valuable insights into the potential health profile of canned tomatoes and serves as a valuable resource for researchers and practitioners in the field of nutrition and health.	

### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### **Reviewer Details:**

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