

Review Form 3

Journal Name:	Asian Journal of Medicine and Health
Manuscript Number:	Ms_AJMAH_125280
Title of the Manuscript:	Ameliorative Effects of N-Acetyl Cysteine and Zinc Sulfate on Reproductive Dysfunction Induced by Short-Term Crude Oil Exposure in Male Wistar Rats
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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 explores the mechanism of exposure to crude oil on reproductive functions, which is of growing concern. It also investigates the potential treatment using N-Acetyl Cysteine (NAC) and Zinc Sulfate because of their antioxidant properties. The findings can contribute to developing therapeutic strategies for mitigating the impact of environmental toxins on reproductive health issues, and provides insights into protecting male fertility in exposed populations.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes	
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 manuscript demonstrates correct scientific methodology, including the use of appropriate animal models (Wistar rats) and controlled exposure conditions along with control groups. It involves the study of N-Acetyl Cysteine and Zinc Sulfate beneficial effects because of their known antioxidant properties. The study design includes different dosage, and biochemical assessments, ensuring reliable and reproducible results. The underlying mechanisms of toxicity and the amelioration strategies are also involved providing for future research.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

PART 2:

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

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Reviewer Details:

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