

Review Form 3

Journal Name:	Asian Journal of Research in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_AJRIMPS_128251
Title of the Manuscript:	ANTI-OXIDANT EFFECTS OF CHROMATOGRAPHIC FRACTIONS OF ABRUS PRECATORIUS LEAVES (LINN) IN WISTAR RATS
Type of the Article	Original Research Article

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This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: 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. A minimum of 3-4 sentences may be required for this part.	This study explores the antioxidant potential of column fractions derived from the methanol extract of <i>Abrus precatorius</i> , a plant with limited prior evaluation of its bioactive fractions. The phytochemical analysis confirmed the presence of alkaloids, flavonoids, tannins, cardenolides, and saponins, compounds known for their antioxidative properties. Column chromatography yielded five fractions (F1–F5), which were assessed for antioxidant activity using both in vivo (rat models) and in vitro methods, including 2,2-diphenyl-1-picryl hydrazyl (DPPH) and nitric oxide assays..	
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	
Is the manuscript scientifically, correct? Please write here.	Yes. This study highlights the novel identification of potent antioxidant fractions from <i>Abrus precatorius</i> methanol extract, offering valuable insights for developing plant-based therapies for oxidative stress-related disorders such as cardiovascular diseases, diabetes, and neurodegenerative conditions.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Some new references must be included in the manuscript.	
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	Hogg, N. (1995). Pro-oxidant and antioxidant effect of nitric oxide. In A. E. Favier, J. Cadet, B. Kalyanaraman, M. Fontecave, & J. L. Pierre (Eds.), <i>Analysis of Free Radicals in Biological Systems</i> (pp. xx–xx). Birkhauser Basel. Write down page number of this reference. Manuscript is very well written. Figures and table are correlated. Recommended for publication in the journal after correction in references and addition of some new references.	

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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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