

REVIEWER'S REPORT

Manuscript No.: IJAR-54962

Title: Nephroprotective Potential of Biskhapra (*Trianthemaportulacastrum* Linn.) Leaves Extract in Cisplatin-Induced Acute Kidney Injury in Wistar Albino Rats: An Experimental Study

Recommendation:

Accept as it is
 Accept after minor revision.....
 Accept after major revision
 Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity	Excellent			
Significance	Excellent			

Reviewer Name: Dr. Sumathi

Detailed Reviewer's Report

1. Acute kidney injury is a rapid loss of kidney function that occurs over hours or days, causing waste and fluid to build up in the body.
2. Diagnosis is based on a sudden decrease in kidney function, evidenced by a rise in blood creatinine or a drop in urine output.
3. Causes include poor blood flow to the kidneys, infections, or urinary tract obstructions.
4. Treatment focuses on managing the underlying cause and supporting the kidneys through fluids, medication or dialysis if necessary.
5. Nephroprotective potential refers to the ability of a substance such as certain herbal compounds or medications to protect the kidneys from damage and maintain their function.
6. This protection is achieved through various mechanisms, including antioxidant and anti inflammatory and anti apoptotic effects, which can help reverse damage caused by toxins or conditions like chronic kidney injury.
7. For example, compounds like kaempferol, eugenol and medications like ACE inhibitors and SGLT2 inhibitors have demonstrated nephroprotective properties.

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8. Cisplatin is a potent platinum based chemotherapy drug used to treat a variety of cancers by damaging the cancer cells DNA and inducing cell death. It is administered via intravenous infusion in a hospital or clinic setting.
9. Key words are good but can be given more.
10. Sufficient informations are given.
11. Result part is awesome with tables and histopathology.
12. Summary points can be given.
13. References should be in alphabetical order.