

### Review Form 3

Journal Name:	<a href="#">European Journal of Medicinal Plants</a>
Manuscript Number:	Ms_EJMP_123927
Title of the Manuscript:	Evaluation of Antioxidant, Anticancer, Anthelmintic and Neuropharmacological Activity of <i>Boerhaavia diffusa</i> Linn. (Family: Nyctaginaceae)
Type of the Article	

#### 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)
<b>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.</b>	The manuscript is important for scientific community as it covers the study related to the evaluation of antioxidant, anticancer, anthelmintic and neuropharmacological properties of the methanolic extract of the leaves of <i>Boerhaaviadiffusa</i> Linn ( Punarnava ) belonging to the family Nyctaginaceae . Punarnava ( <i>Boerhaaviadiffusa</i> ) has been used in prevention and treatment of various diseases including kidney disorders since ancient times as traditional medicine . The results of the present study on <i>Boerhaaviadiffusa</i> Linn. have demonstrated its significant pharmacological activities such as antioxidant, anticancer, anthelmintic, and neuropharmacological properties. Extensive research studies are needed on this important medicinal herb using well designed experimental model followed by clinical studies to evaluate its therapeutic potential in disease conditions in order to develop effective therapeutic agent using this medicinal herb. There is urgent need to develop medicinal plant based medicines as Complementary and Alternative Medicine (CAM) for prevention and treatment of chronic diseases.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Yes	
<b>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.</b>	Yes	
<b>Are subsections and structure of the manuscript appropriate?</b>	Yes	
<b>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.</b>	The manuscript is scientifically correct and technically sound as different sections of the manuscript have been written very well. Well designed experimental procedure has been adopted for the study. The experimental data have been presented very nicely and correlated very well. Sound conclusions based on the results of the study have been drawn. The manuscript comes in very important and emerging discipline in health sector focussing towards the development of drugs / therapeutics based on medicinal plants and herbs for the prevention and treatment of chronic diseases for which drugs available in Allopathic System of Medicine have no permanent cure.	

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Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
<u>Minor REVISION</u> comments Is the language/English quality of the article suitable for scholarly communications?	Yes	
<u>Optional/General</u> 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>	

### Reviewer Details:

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