

Review Form 3

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_130876
Title of the Manuscript:	Toxic and protective effects of levodopa and Piper nigrum essential oil on zebrafish embryos and larvae exposed to rotenone as an experimental model for Parkinson's-like disease
Type of the Article	Original Research Article

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 examined the protective effects and potential risks of L-dopamine and Piper nigrum essential oil, both separately and in combination, on zebrafish embryos and larvae exposed to rotenone as a Parkinson's disease-like model. the study revealed that L-dopamine and Piper nigrumdid not demonstrate efficacy in treating the symptoms in this model; instead, they exhibited certain toxicities and synergistic interactions.	Thank you.
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title is suitable.	Thank you.
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, the abstract of the article is comprehensive. I just suggest deleting the abbreviations from the abstract.	We made the changes according to your suggestions.
Is the manuscript scientifically, correct? Please write here.	Yes, the manuscript is scientifically correct.	Thank you.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, most of references are sufficient and recent. I recommend utilizing the information presented in this reference: <a href="https://doi.org/10.37575/b/med/230042">https://doi.org/10.37575/b/med/230042</a>	We have added this reference to the article. Thank you very much!
Is the language/English quality of the article suitable for scholarly communications?	Yes, the language/English quality of the article is suitable for scholarly communications.	Thank you.
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?	(If yes, Kindly please write down the ethical issues here in details)	Yes, all tests involving animals were previously approved by the Ethics Committee for Animal Use of the Universidade Federal Rural de Pernambuco, under License No. 3581030221.