

Review Form 1.7

Journal Name:	Ophthalmology Research: An International Journal
Manuscript Number:	Ms_OR_102974
Title of the Manuscript:	Effect of Orally administered Dennettia tripetala (Pepper fruit) (Aq) extract on the intraocular pressure and serum concentration of lipid parameters of Wistar strain albino rat
Type of the Article	Original Research Article

General guideline for Peer Review process:

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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalor.com/index.php/OR/editorial-policy>)

Review Form 1.7

PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. Yes. Glaucoma represent a problem of public health. One of the most important risk factors for glaucoma is elevated intraocular pressure, and its reduction is the only proven treatment to reduce the development and progression of the disease. In the current study the authors determined the effect of orally administered aqueous extract of <i>Dennettia tripetala</i> seed on cholesterol induced intraocular pressure of Wistar strain albino rats. 2. Yes. 3. Abstract-Conclusion: please reformulate "..., thus suggesting that it could be beneficial in ocular, cardiovascular and public health." 4-6. Yes. 7. You haven't determined the active principles contained in the seeds. This represent a major problem for your study 8. Please add when the plant was collected (year, months) and the No of the plant specimen 9. Add the No/data of the Ethical Approval 10. Acute toxicity test: what amount of plant was administered and in which way (p.o.; i.p.?) 11. Material and methods: You wrote that you dissolved cholesterol in water. Cholesterol is insoluble in water. Was an emulsion/suspension made for administration? 12. Reference values for cholesterol, HDL, LDL, TG are missing. Please add them 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<ol style="list-style-type: none"> 1. Yes 2. How long can the residue be kept in the refrigerator until use? 3. In the abstract you wrote that you used 37 males+females rats. At material and methods you wrote males. Please correct 4. In the abstract you wrote that the duration of the study is 35 days. At material and methods – 10 days. 5. Material and methods: it's not correct to say: "induction of cholesterol". Please correct. Add also from where the cholesterol was purchased 7. Material and methods, You wrote: "Collection of Blood for Cholesterol Analysis". It's not correct because you don't determine only cholesterol. Also please check the statement: "Blood samples were collected three times from the experimental animals, viz; before and after cholesterol administration as well as after administration of aqueous extract of DT and timolol". 7. You must add the names of the devices used to determine cholesterol and triglycerides 	
<p>Optional/General comments</p>		

[Review Form 1.7](#)

PART 2:

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

Reviewer Details:

Name:	Lucaciu Roxana Liana
Department, University & Country	University of Medicine and Pharmacy "Iuliu Hațieganu", Romania