

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_82858
Title of the Manuscript:	ON THE BASIS OF PAS & H&E STAINS ASSESSMENT OF THE SIGNIFICANCE OF NIGELLA SATIVA ON HISTOMORPHOLOGICAL VARIATIONS OF SEMINIFEROUS TUBULES IN DOXORUBICIN TREATED ALBINO 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 guideline for Peer Review process, reviewers are requested to visit this link:

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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)
Compulsory REVISION comments	<p>1- The manuscript requires English editing to correct the grammar and flow of sentences.</p> <p>2- The authors did not mention the ethical approval in the manuscript</p> <p>3- Title: Should be changed from:</p> <p>ON THE BASIS OF PAS & H&E STAINS ASSESSMENT OF THE SIGNIFICANCE OF NIGELLA SATIVA ON HISTOMORPHOLOGICAL VARIATIONS OF SEMINIFEROUS TUBULES IN DOXORUBICIN TREATED ALBINO RATS</p> <p>To: THE SIGNIFICANCE OF NIGELLA SATIVA ON HISTOMORPHOLOGICAL VARIATIONS OF SEMINIFEROUS TUBULES IN DOXORUBICIN TREATED ALBINO RATS</p> <p>4- In abstract part:</p> <ul style="list-style-type: none"> The method of animal manipulation and staining is deficient <p>At the end of experiment, rats were dissected and conserved slides for staining.</p> <p>5- Introduction part:</p> <ul style="list-style-type: none"> It is present in Tibb-e- Nabavi, Unani Tebb, and Indian traditional medicine and used as an antihypertensive, liver tonic, spice and carminative.¹⁶ <p>What are these abbreviation????</p> <ul style="list-style-type: none"> The writing of [Nigella Sativa] sometimes written in capitals , sometimes written in small letters, sometimes Italics Must be standardized all over the manuscript. <p>In Material and Methods</p> <ul style="list-style-type: none"> <i>Nigella Sativa</i> seeds cleaned, crushed and powder stored in cool place. The source of the seeds , the company must be added, Also the exact method of preparation must be written and the reference of this method must be specified. Rats were daily observed for their wellbeing. After completion of research rats were dissected by midline incision. Bouin's fluid used as fixative for testis & fixation done for 24 hours, then sliced vertically into two equal halves on next day. For dehydration done through alcohol (70 to 100 %) and cleared by xylene. Infiltration and embedding done in Paraffin wax & sections were obtained by rotatory microtome and mounted on glass slides. Sections 	

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	<p>were stained by periodic Acid Schiff & H&E stain to see morphological and micrometric changes.</p> <ul style="list-style-type: none"> This part is the core of your experiment, it must be clarified, references of each step must be added, the name of the stains must be written without abbreviation. For each group you must clarify the result seen by each stain clearly <p><u>In Result part:</u></p> <p><u>The quality and resolution of the image are poor</u></p> <p><u>The result are diffident, are there any other biochemical markers studied to ensure the result, clarify in table form</u></p> <p><u>The writing method of legend of the photos must be standardized;</u></p> <p>For example; Fig-1b: Photomicrograph control group</p> <p><u>It should be like others:</u> fig-1a: Photomicrograph of an adult rat testis of control group</p> <p>Conclusion part :</p> <p>CONCLUSION:</p> <p>This experimental research work revealed that Bo rats showed loss of architecture of seminiferous tubules and diverse level of atrophy but in Co rats variations are amended. Hence our hypothesis of this research work is that <i>nigella sativa</i> will reduce the harmful effects of doxorubicin.</p> <p>Must be clear for the reader, so remove the B0 and C0 abbreviation</p>	
<p><u>Minor</u> REVISION comments</p>	<ul style="list-style-type: none"> The writing of [Nigella Sativa] sometimes written in capitals , sometimes written in small letters, sometimes Italics <p>Must be standardized all over the manuscript.</p> <p>Is the dealing of the animals being ethical in the mentioned department (Anatomy department, BMSI, Karachi, Pakistan) ?? must be clarified</p>	
<p><u>Optional/General</u> comments</p>	<p><u>The English language needs a great deal of polishing.</u></p>	

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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:	Sherein Gamal Elgendy
Department, University & Country	Assiut University, Egypt