



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_34530
Title of the Manuscript:	Invivo-study of antiviral effect of Gossypium hirsutum extract on Newcastle Disease Virus.
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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	1. The experimental plan is not well explained in abstract, also future perspectives were not clearly defined. The author should explain correlation of different <i>Gossypium hirsutum</i> extract concentrations against NDV. 2. The author is more concern with economic significance of NDV rather than previously reported antiviral effects of medicinal plants. 3. Title of the manuscript showed <i>Gossypium hirsutum</i> as the experimental plant while author mentioned <i>Tetrapleura tetraptera</i> later on. 4. Non-satisfactory explanations of plant extract concentration. Is author using <i>Tetrapleura tetraptera</i> or working with <i>Gossypium hirsutum</i>? Clarification required in whole document. 5. In materials and methods section, author should mention the ages of experimental birds in terms of days or weeks instead of "old, brooded, or young". 6. Experimental and control groups should be clearly defined in Table 1. 7. Author fails to find the difference of infection	The different extract concentration were 0.1%,1.0% or 10% concentration of the plant aqueous extract Noted, noted and corrected. <i>Gossypium hirsutum</i> plant Noted: author working with <i>Gossypium hirsutum</i>



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	and survival rates in both treated and untreated groups in Results section. 8. Description of Table 2 are not in correlation with results section.	Noted: 1-4weeks old bird (brooding). extract treatment at 5weeks old Noted: better explained now Noted: the survival rate was not necessary since all the birds died Noted and corrected in the write up
<u>Minor</u> REVISION comments	Line 2: Modify Title (In Vivo study for antiviral effect of <i>Gossypium hirsutum</i> extract against Newcastle disease virus Line 6 add space between 99 and birds Line 83 should be allantoic fluid was harvested for virus isolation. Line 97, vitamins instead of vitamin Line 171, Plate 1 should be replaced with Figure 1 Line 179, Plate 2 should be replaced with Figure 2 Line#183, phytochemical analysis of which plant? Line#186, nature of extract should be mentioned Line#237, author has used the term methane extract for the first time without explanations	Corrected 59 birds spaced out corrected: for virus isolation corrected vitamins figure 1 figure 2 analysis of <i>Gossypium</i> aqueous aqueous extract noted: its aqueous extract
<u>Optional/General</u> comments	I have mentioned some compulsory revisions along with minor changes after thoroughly reviewing this paper.	