

Review Form 1.6

Journal Name:	South Asian Journal of Research in Microbiology
Manuscript Number:	Ms_SAJRM_84658
Title of the Manuscript:	Virulence response of Escherichia coli to different concentrations of combined herbal drugs
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.journalsajrm.com/index.php/SAJRM/editorial-policy>)

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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	<ul style="list-style-type: none">• PLEASE NOTIFY THAT ALL CHANGES MUST BE HIGHLIGHTED IN THE TEXT.• English language of the manuscript must be revised comprehensively.• Introduction must be shortened to two medium paragraphs.• Herbals used in this study must shortly be described in Introduction, including names of their effector compounds.• Please clarify how pure were the herbals.• Were the herbals made traditionally or commercially?• Were all the purchased herbal drugs similarly solved in water, alcohol or other solvents?• Please provide specific code of the <i>E. coli</i> strain (ATCC, PTCC etc).• Which analytical methods were used for the results?• In Tables 1 and 2, resistance inhibition zones are better to be reported.• In Discussion, please compare the current results with results from other studies.• Why did not the authors use greater herbal concentrations in this study/ was it possibly due to the low LD50 of the herbals?• Please explain why these antimicrobials were used in the study.• Why did not the authors use a checker board method for a combinational effect analysis of the herbals and antimicrobials?• Conclusion cannot be made in the current form because <i>in vivo</i> and <i>in vitro</i> assessment results may differ. Therefore, failure in <i>in vitro</i> assessment does not completely mean that the herbals cannot be effective on the bacteria, especially when synergetic effects of herbals and antimicrobials were not assessed simultaneously.	<p>The article has been proofread using Grammarly software to check for English Language errors</p> <p>The introduction has been shortened and herbal drugs contents have been explained.</p> <p>The herbal drugs were made commercially by the manufacturer.</p> <p>The herbal drugs' purity was determined by culturing the drugs on a nutrient agar plate to check for bacteria growth.</p> <p>The ATCC name of the microorganism has been updated.</p> <p>These antimicrobial agents were selected as they are commonly taken by individuals without any medical prescription. When there are complications associated with it such as deterioration of health, the individuals resort to hospital treatment.</p> <p>The authors adopted the concentration as it was the greatest achievable concentration in the original form purchased. The only means by which a higher concentration could have been obtained is by concentrating using drying method which could alter the composition of the drug.</p> <p>The use of checker board will be a way to advance the work however, the study is a pilot to another advanced investigation that will employ molecular docking approach and sequencing.</p> <p>The conclusion of the work has been revised.</p>
Minor REVISION comments		
Optional/General comments	It is recommended to publish the manuscript as a <u>short communication</u> ONLY when all the corrections are made.	

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>	The authors agreed with some of the reviews by the reviewer. Some other corrections necessary which were not observed by the reviewers have also been made.