

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>)

Review Form 1.6

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)
<u>Compulsory</u> 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 in vitro 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.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> 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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Ramin Mazaheri Nezhad Fard
Department, University & Country	Tehran University of Medical Sciences, Iran