

## Review Form 1.6

Journal Name:	Journal of Applied Life Sciences International
Manuscript Number:	Ms_JALSI_94358
Title of the Manuscript:	PHYTOCHEMICAL CONTENT AND ANTIBACTERIAL EFFECT OF ETHANOLIC AND METHANOLIC EXTRACTS OF Pleurotus ostreatus MUSHROOM
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.journaljalsi.com/index.php/JALSI/editorial-policy>)

### 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)
<b>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	<ul style="list-style-type: none"> <li>▪ How the dose of extracts used (12.5%, 25%, 50%, and 100%) is chosen).</li> <li>▪ repetition of the same idea in the discussion part, e.g . please rewrite the following statements</li> </ul> <p>The Gram –ve bacteria E. coli and Pseudomonas were sensitive to gentamicin, ofloxacin and ciprofloxacin n while the Gam +ve were sensitive to gentamicin, erythromycin and ofloxacin. Ofloxacin and ciprofloxacin are broad spectrum fluoroquinolone antibiotics known to inhibit DNA replication by inhibiting bacterial DNA topoisomerase and DNA-gyrase (Thai et al., 2020). Gentamicin is bactericidal broad spectrum aminoglycoside antibiotic that inhibits bacterial protein synthesis by binding to 30S ribosomes. Pseudomonas and E coli were found to be sensitive to the fluoroquinolones but resistant to the beta lactam antibiotics. While Staphylococcus aureus and Staphylococcus saprophyticus were resistant to the beta lactams and only sensitive to gentamicin (aminoglycoside) and erythromycin (macrolide antibiotic).</p> <ul style="list-style-type: none"> <li>▪ <u>Rewrite the following statement</u> Acetone and petroleum ether with relative polarity of 0.355 and 0.117 respectively were used by the <b>author</b> while ethanol with polarity of 0.654 was used for this study</li> </ul>	
<b>Optional/General</b> comments		

### 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)	

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**Reviewer Details:**

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