

## Review Form 1.7

Journal Name:	<b>Journal of Advances in Microbiology</b>
Manuscript Number:	<b>Ms_JAMB_102419</b>
Title of the Manuscript:	<b>GC-MS Based Metabolomic Profiling of Lactobacillus plantarum Isolated from Ocimum gratissimum Rhizosphere</b>
Type of the Article	<b>Original manuscript</b>

### **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.journaljamb.com/index.php/JAMB/editorial-policy> )

## Review Form 1.7

### 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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>Yes important. This article suggest novel antimicrobials for urinary infections and wound.</b></p> <p><b>Title to be changed. "Metabolomic Profiling of <i>Lactobacillus plantarum</i> Isolated from <i>Ocimum gratissimum</i> Rhizosphere" is enough.</b></p> <p><b>Yes.</b></p> <p><b>Yes, appropriate</b></p> <p><b>Yes it is Scientifically correct</b></p> <p><b>Sufficient with recent year (upto 2022)</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>English quality is good</p>	
<p><b>Optional/General</b> comments</p>	<p>1. Check the references, particularly references in methodology section (MacFadden (2000); AOAC 1990; (Lin and Pan, 2017)</p> <p>2. Isolates were characterized using <b>16srDNA molecular typing – correct it as 16SrRNA sequencing</b></p> <p>3. Sequence data is missing. Add sequence published number if you have.</p> <p>4. The filtrate was <b>chilled</b> and kept for gas chromatography and mass spectrometry analyses- correct it as "The filtrate was kept in refrigerator until GC-MS analysis."</p> <p>5. A 10 <b>ul</b> aliquot of <b>accu standard</b> – corrected as " A 10µl aliquot of AccuStandard</p> <p>6. heated at <b>40<sup>o</sup>c</b> water bath- Corrected as "heated at <b>40<sup>o</sup>C</b> water bath"</p> <p>7. Did you use external standard or library search in GC-MS? If so, provide the details.</p> <p>8. Where did you use statistical tool?</p> <p>9. Give description for Fig. 2. GC-MS analysis</p> <p>10 In Table 1, you can give only one predominant compound for each retention time.</p>	

### 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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

### Reviewer Details:

Name:	<b>P. Ponmanickam</b>
Department, University & Country	<b>Ayya Nadar Janaki Ammal College, India</b>