Review Form 1.6

Journal Name:	**European Journal of Medicinal Plants**
Manuscript Number:	**Ms_EJMP_84479**
Title of the Manuscript:	**Evaluation of in vitro activity of antimicrobial potential and phytochemical screening of methanol extract of Curcuma longa rhizome against some clinical isolates**
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.journalejmp.com/index.php/EJMP/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	**1) Please rewrite the paragraph:** "Approximately 50% of contemporary pharmaceuticals are derived directly or indirectly from plants, with approximately 80% of the population in developing nations dependent only on plants for their medical needs [6, 7]. Several pieces of research have indicated that medicinal plants contain bioactive chemicals that have been successful as pharmaceutical raw materials [8]. Medicinal plants, according to the World Health Organization (WHO), would be the best source of a range of pharmaceuticals. Traditional medicine, which contains substances derived from medicinal plants, was utilized by almost 80% of people in developed countries [9]." **It's redundant repeating the same information in different ways.** **2) Clarify if the sample is the extract or the powder of plant:** "For 48 hours, 20g of the sample was soaked in 100mls of various solvents including n-hexane, distilled water..." 3) Where are the clinical isolates? From what patients? Provide the information about origin of them and patient conditions. **4) Why American Type Culture Collection standards were not used as a comparison? If it is possible provide the test or zone of inhibition with the positive controls.**	
Minor REVISION comments	1) Change *Curcuma longa* to *C. longa* after the first use of the scientific name and check if it is in italic. **2) There is a lot of repetition of plant, please change some for synonyms** " Many plants have been utilized for their antibacterial properties, which are attributed to phytochemicals produced in the plant's secondary metabolism. Plants are loaded with a large array of secondary metabolites including tannins, alkaloids, phenolic compounds, and flavonoids, which have been found in vitro to have antimicrobial properties [2]." **3) There is repetition of "were used":** "A total of seven clinical isolates were used were used for this study." **4) Put the scientific name italic: "**The antibacterial activity of methanolic extract of Curcuma longa as represented in Table 1 shows that the extract...**"** **5) Correct the scientific name that is incomplete:** "At low concentration there was no effect on Staph aureus and Pseudomonas aeruginosa ..." **6) Use when instead of with:** "*Aspergillus flavus*, with concentrations of the extract were used in their study."	
Optional/General comments	**The field chosen is scientifically important, particularly after rise of resistance by antibiotics** **overuse at the last years. The manuscript presents few gaps, but it does not decreases the** **contribution to future drug development.**	

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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:	**Karen Cristine Santos Galvão**
Department, University & Country	**Minas Gerais State University, Brazil**