



SDI Review Form 1.6

Journal Name:	Microbiology Research Journal International
Manuscript Number:	Ms_MRJI_56974
Title of the Manuscript:	“Antibacterial Effects of Oregano Essential Oil and its potential Applications”.
Type of the 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



SDI 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)
Compulsory REVISION comments	The researchers evaluated OEO activity against six strains of bacteria, five of which were gram positive and one gram negative. They did not explore dilutions until exhaustion, which limits the interest of the results. The methodology needs revision, as it is not possible to reproduce it according to the information provided by the authors. Authors need to review the scientific names of microorganisms, as many are not in italics, including in the tables.	
Minor REVISION comments	METODOLOGY 1- The authors should describe the molecular methods for bacteria identification or cite reference; 2- Effects of the OEO on bacteria were mainly evaluated using undiluted and 4 serial dilutions of the oregano oil in coconut oil diluent (1:10, 1:100, 1:200 and 1:400). They should make clear that was used coconut oil as positive control (without OEO). 3- Serial dilutions were made in duplicate ou triplicate? This was not clear. 4- They need to detail the informations or cite reference: What was the volume in each tube? What were the size of the Petri dishes used? What was the volume in mL in each dish? (...) an aliquot of each tube mixture was inoculated on a Petri dish and a melted BHI culture media maintaining at 50-55 °C. What volume in mL? These informations are need to other research can replicate those results. RESULTS: The table 2 does not contain information about OEO result without dilution, but only coconut oil as a positive control. CONCLUSION: The results do not provide support for the statements included in the second paragraph, so that this paragraph should be transferred to the discussion.	
Optional/General 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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Reginaldo dos Santos Pedrosa
Department, University & Country	Universidade Federal de Uberlândia, Brazil