



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2014_IJBcRR_8986
Title of the Manuscript:	PARTIAL PURIFICATION AND CHARACTERIZATION OF EXTRACELLULAR PROTEASE OF <i>Shigella dysenteriae</i> AND ITS INHIBITION BY THE VOLATILE OIL OF <i>Thaumatococcus danielli</i>
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:

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



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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments	Please indicate the number of repetition for each experiments, to be able to judge the robustness of these data Please describe correctly the gel filtration step: sample load, elution buffer, etc. Why did the authors assume that they had isolated only one extracellular protease? It could be a mixture of enzymes. I suggest to carry out SDS-PAGE analysis on the extract and on the fractions collected during gel filtration, to determine at least the number of proteins isolated in those fractions. For MIC and MBC experiments, I recommend to include negative and positive controls. I was not able to review data shown in Figure 4, please move this Figure to next page Please improve the discussion: compare the obtained results to those already described in the literature.	
<u>Minor</u> REVISION comments	-	
<u>Optional/General</u> comments	Repeat the experiments with the corresponding ATCC strains	

Note: Anonymous Reviewer