

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_88343
Title of the Manuscript:	Inhibition of Angiotensin-converting Enzyme by the Fractions of Onion (<i>Allium cepa</i>) and Shallot Bulb (<i>Allium ascalonicum</i>) Extracts
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.journaljpri.com/index.php/JPRI/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	<p>Abstract, Title and References In the title It is convenient mentioning "in vitro – study" In the abstract was mentioned this but not associated to extracts but to bulbs, what is not correct. Must be clarified this point. The references are relevant, appropriate key studies included, and were correctly referenced, however I suggest to find out if new related work was performed after 2016. Introduction Specify clearly, were used extracts nor bulbs. The novelty is related to the chemical characterization of extracts and determination of their inhibitory activity. Methods It is convenient the registry and storage of samples of bulbs. Can be useful in case of needed assurance of reproducibility. Weight of vegetable material: methanol volume and temperature during maceration not specified. Volume ratio of hexane : methanol not specified. The same for water and all the sucesive solvents. As the supplier for all the organic solvents is the same, mention it just one time. Isodisk supplier? Retention time for quercetin standard? Which extracts were used for the FTIR spectra? What are the enzymes A,B and C? The assay measures fluorescence or absorbance?Both are mentioned Which was the concentration of Captopril assayed? What means "was tested in technical and biological triplicate"</p> <p>Results How were obtained the percent yields for each solvent?Are not shown each one in Table 1. Discussion and Conclusions 500 ug/mL are of quercetin or total solids? Can be useful to include figures describing chemical structures, Recommendations. 1- In vivo, suggested in animal model 2- What about variability of bulbs? How is assured reproducibility?</p>	
Minor REVISION comments		
Optional/General comments	<p>Overall I suggest the search of the newer related references to know if there is knowledge previously generated and not included in the present article, particularly in the period 2016-2022.</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)
Are there ethical issues in this manuscript?	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> <p>Committee of ethics in animal experimentation was consulted.</p>	

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