



SDI Review Form 1.6

| | |
|--------------------------|--|
| Journal Name: | Asian Journal of Medical Principles and Clinical Practice |
| Manuscript Number: | Ms_AJMPCP_38140 |
| Title of the Manuscript: | BIOMARKERS OF OXIDATIVE STRESS INCREASE IN DOSE-DEPENDENT MANNER, FOLLOWING PERIODIC ADMINISTRATION OF COFFEE AND CAFFEIN |
| Type of the Article | Original research paper |

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 | <p>In the results topic – I believe that the use of signals e.g. “*, #, §” indicated the significance would give a better appearance to the graphics and help the readers of AJMPCP interpret and understand your results. Moreover, don't use multiple colors in the graphics. Use different backgrounds.</p> <p>Still in results topic, I felt lack of a figure showing the results of toxicity test. I believe be relevant show this.</p> <p>In line 178, the authors put ‘Effect on general and organ weight’, but don't showing this results. I suggest make a table putting this results, even if they don't have introduced significance.</p> <p>Line 189 – ” Results showed a significant increase (p<0.05) in testicular superoxide dismutase (SOD)... testicular?? I don't understand.</p> <p>In lines 228-235, in conclusion topic, the authors put “...coffee increases the activities of MDA levels, and help in recuperation of antioxidant defence system in wistar rats.” There is confusion in this placement because MDA not is a antioxidant, but a product of lipid peroxidation. I suggest exchange this frase, because she can confuse the readers of the AJMPCP.</p> | <p>Don't know about that. I think the result has been clearly presented and understandable</p> <p>Showing results for toxicity test is not quite relevant as long as LD50 was appropriately obtained as discussed.</p> <p>Effected. Results for organ weights of kidney. Liver, testes, and heart have been added.</p> <p>Meaning, caffeine administration on test group significantly increased SOD levels in the testes, with SOD being one of the biomarkers of oxidative stress.</p> <p>Lines 228-235 could not be any clearer. It simply says (1) coffee increases the activities of MDA levels (2) coffee helps in recuperation of antioxidant defense system in wistar rats. Those are two different statements, and non refers to MDA as anti-oxidant.</p> |
| Minor REVISION comments | | |
| Optional/General comments | | |