



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_40599
Title of the Manuscript:	EFFECT OF AN ANGIOTENSIN CONVERTING ENZYME INHIBITOR (CAPTOPRIL) ON LIVER AND KIDNEY FUNCTION PARAMETERS IN PLASMODIUM BERGHEI INFECTED MICE
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 (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	Since arthemeter/lumefantrine (A/L) is a fixed dose drug how was the dosage 0.03mg/kg calculated and used? Two different strengths of A/L were mentioned in the text, clarify which one was used, and how many tabs were given to each mouse What was the route of administration of the drugs and for how long? Treatment duration for A/L not stated. It was stated, the mice were treated for 14 days (treated with what? Please clarify) What do you mean that parasitaemia levels decreased significantly back to normal (what is normal? Is it zero pasitaemia?) How did you monitor level of parasites daily whilst you have stated that pasitaemia was monitored every other day? That's confusing, please clarify There was no statement on ethics Ethical issue: Even though this is a study using animals, a statement on ethics should be included in the manuscript	A pilot study was conducted to determine the effective dose of captopril that would significantly reduce parasitemia and decrease mortality before the commencement of the experiment. The drugs were prepared by obtaining the average weight of the mice and comparing it with the standard dosage given to human. Drug dosage (in mg) = $\frac{\text{Weight of mice} \times \text{Standard dosage administered}}{\text{Average weight of human}}$ Weight of mice were between 24-34g, hence average weight of 30g was used, while 70 Kg was used for human. 70 Kg (70,000 g) =75 mg captopril 30g = 0.032mg/kg captopril A higher dose of 0.09 mg/kg was also chosen after the pilot study. The route of administration was oral The mice were treated with the drugs for 14 days Yes, it was zero parasitemia by the last day. that pasitaemia was monitored every other day means we left a day in between without determining it. Ethical Issues: Thank you for this reminder.
Minor REVISION comments	Please state the exact p-values. Using p<0.05 and p>0.05 as significant and no-significant is not good enough and hides important information The concluding sentence is too long and does not make good reading. Convert it into shorter sentences	We used p<0.05 and p>0.05 as significant and not significant, respectively. This has been effected. Thank you
Optional/General comments		