



SDI Review Form 1.6

Journal Name:	International Journal of TROPICAL DISEASE & Health
Manuscript Number:	2013_IJTDH_6788
Title of the Manuscript:	EFFECT OF COMBINED QUININE AND CIPROFLOXACIN THERAPY IN EXPERIMENTAL MURINE PLASMODIASIS
Type of the Article	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>)



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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)
<u>Compulsory</u> REVISION comments	Thank you so much for the opportunity to review your manuscript. Please consider the following comments: In introduction: I suggest you to use newer references. You could use WHO data instead reference number (1). To write another paragraph with the information about antimalarial drug combination has been published (eg. Andrade et al. (2007) Enhanced activity of mefloquine and artesunic acid against <i>Plasmodium falciparum</i> in vitro and <i>P. berghei</i> in mice by combination with ciprofloxacin). This paragraph can find the actual situation about antimalarial drug combination. Materials and Methods: To find the reference used in the protocol <i>in vivo</i>. Were drugs administered once daily? By I.P.? How many days? To find the information how the smears was done (eg. Giemsa). How many have experiments been done? (eg. n=3) How many have <i>P. berghei</i> parasitized erythrocytes been used in 0.2 ml of blood infected? (eg. 1×10^7 or 1×10^8)	Suggestion accepted, Newer references used and ref. (1) changed to WHO data. Done. A new paragraph on antimalarial drug combinations added. Reference added. Yes, drug was administered once daily. One of the goals of the work was to achieve a treatment regime better than that of quinine. Giemsa. Yes, average readings were used. The no of erythrocytes were not counted but the volume of 0.2ml was strictly



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	How was the blood collected? Results: Table 4 is a little bit confused, you used one drug dosage (Table 1- 10ml/kg) and then you showed three different results from this control (Table 4). It will be better if IC₅₀ will be found. To compare the data obtained for quinine with data from literature. Table 2: To change: "Effect of treatment of mice infected with <i>P. berghei berghei</i> after and before administration of different doses of quinine, ciprofloxacin and their combination" To write a paragraph about "ETHICAL APPROVAL" Discussion To show more articles that support the drug combination is the best choice to treat patient with malaria.	maintained From the cut tail using a sterile graduated syringe. The reason for the confusion is noted and corrections made. Thanks for the observation. Our interest was not the quinine but the efficacy of its combination with cipro. Done Done Done
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<u>Minor</u> REVISION comments	l. 18 antimalarial instead anti malarial l. 19 in vitro instead in-vitro l. 23 in vivo instead in-vivo The words should be in italic: l. 19 <i>in vitro</i> l. 23 <i>in vivo</i> l. 49 <i>Anopheles</i>; l.311 <i>Plasmodium</i> l. 116 <i>P. berghei berghei</i> l. 193 30mg/ml l. 199 "The powder obtained was obtained..." It should be correct. l. 200 50mg/ml without (.) l.200 required not erquired l.247 Table 4 not Table 3 l.250 Use <i>P. berghei berghei</i> , use <i>Plasmodium berghei berghei</i> only the first time. Use parasitaemia not parasitemia To format the references, especially number 6 is different from others. l. 288 to deploy not to to deploy To use RBC or Rbc l. 310 It means The exact instead He exact	Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected corrected
<u>Optional/General</u> comments	The study is very important since it brings the information that will be helpful for malaria treatment. Then the authors should consider comparing this data with assay in flow cytometry. The assay in flow cytometry will find data more reliable and modern.	