



SDI Review Form 1.6

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	MS: 2012_IJBcRR_3023
Title of the Manuscript:	Preliminary Studies on the Expression and Purification of Functionally Active Recombinant Plasmepsin 9 from Plasmodium falciparum

General guideline for Peer Review process is available in this link:

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

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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	I do agree with comments by one of the reviewers that to be certain the purified PpPM9 is indeed active plasmepsin 9, the authors should carry out a simple inhibition assay. This should be easy, and it is especially important as the authors are considering further detailed kinetic and structural characterization studies of the enzyme. Other comments Page 1, under Abstract: "unknown function potential target however, recombinant" should read "unknown function potential target. However, recombinant" Page 3, line 72: "The production of active" should read "Although, the production of active" Page 3, under Material and Methods, line 111: "PAGE. Pellet was suspended buffer 4" Should read "PAGE. Pellet was suspended in buffer 4" Page 5, under Results and Discussion, lines 196-197: "The subjected to refolding procedure described under experimental section" should be rephrased for clarity.	The Reviewer's comments are very constructive and the manuscript has been revised to effect the corrections. The revised manuscript includes data on the inhibition assay of plasmepsin 9 which confirms the activity of the enzyme.



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<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		