

Review Form 1.7

Journal Name:	Asian Journal of Immunology
Manuscript Number:	Ms_AJI_97163
Title of the Manuscript:	Inhibition of early mouse plasmacytoma development after Plasmodium infection
Type of the 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.journalaji.com/index.php/AJI/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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. Partially. The manuscript is dedicated to the urgent and relevant topic, and the data presented is interested, however, quite discussable because of almost complete lack of mechanisms' explanation. If more tests and measurements were made, the overall picture would have been much more complete, and the authors' hypothesis – more proven.</p> <p>2. Partially. As tumor cells were inoculated AFTER the plasmodium infection, "Inhibition of early mouse plasmacytoma development IN CASE OF Plasmodium infection" sounds more appropriate.</p> <p>3. Yes</p> <p>4. Yes</p> <p>5. Partially. See Optional comments</p> <p>6. Yes.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. Yes</p>	
<p>Optional/General comments</p>	<p>1. Materials and Methods section. It is unknown, how the mice were inoculated with TEPC.1033.C2 plasmacytoma cells, how many cells were used per mouse?</p> <p>2. The number of mice per group is not provided but should be in this section.</p> <p>3. The term of cytokine measurement from the day of plasmacytoma cells inoculation is not specified. In general, the study design is unclear: when mice were inoculated with TEPC.1033.C2 cells, when - treated with plasmodium, when – with anti-ASGM1?</p> <p>4. Fig.1. If compare pic. 1A and pic. 1C one can see the substantial difference in P.yoeli+TEPC groups' survival. How do the authors explain this discrepancy?</p> <p>5. In Discussion section authors discussed the contribution of ASGM1+ cells to cancer immunosurveillance through stimulation of cytokine production including IL-12 and IFN-gamma, and these cytokines were measured in infected mice. So why didn't the authors measure these cytokines in infected mice with inoculated plasmacytoma cells? In infected mice with inoculated plasmacytoma cells and treated with anti-ASGM1? This data would confirm the proposed mechanisms of P. yoeli antitumor action. Because in the current presentation it looks like two different data sets with no connection in between.</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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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