

Review Form 1.7

Journal Name:	South Asian Journal of Parasitology
Manuscript Number:	Ms_SAJP_115225
Title of the Manuscript:	Effect of Dietary Probiotic Supplement on the Haematological Status of Experimental Wistar Rats Infected with Trypanosoma brucei brucei
Type of the Article	

Review Form 1.7

PART 1: Review Comments

	<p>Reviewer's comment</p> <p>1.- The presentation of this work is orderly and concrete. The effort to show the use of probiotics as an adjuvant in the treatment of parasitosis caused by trypanosome may generate inaccuracies.</p> <p>2. The effect of the use of probiotics on hematological parameters is evident, however, the authors do not adequately present the statistical significance on which they should base their observations P value = 0.00? Does it mean there is no effect? It is strange that the statistical dispersion parameter is constant for all data values $DS \pm 1$. It is recommended to review and present clearly.</p> <p>3.- It could be thought that probiotics reduce the impact of the disease, but it is relevant to discuss the mechanism that generates this effect on the parameters</p> <p>4.- The presentation of the bibliography is very untidy, there is a lack of homogeneity in the presentation of year, volume, page.</p>	<p>Author's comment <i>(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)</i></p>
<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</p>	<p>1. Evidence is valuable, it should be communicated once it is well presented.</p> <p>2. Yes, I consider that the title of the article suitable, however grammatically it is worth to point out a small detail, Effect of "a" Dietary Probiotic Supplement on, could be more adequate.</p> <p>3. Yes, the abstract of the article is comprehensive, but it could be reduced in length without losing its clarity.</p> <p>4. Yes, the structure is appropriate, and the sequence has logic that gives congruence to the presentation</p>	

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<p>scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>of the contribution.</p> <p>5. It is recommended to further discuss the possible mechanism that allowed to establish the effect on hematological parameters. A decrease in parasitemia due to population regulation, cytoprotection or by just hematological values regulated.</p> <p>6. It is suggested to use more current references, since you will find complete theories that support your results. Just to mention 3 from 2021 to 2023. (2021) https://doi.org/10.1016/j.jep.2021.114448 In vivo antimalarial activity of a probiotic bacterium Lactobacillus sakei isolated from traditionally fermented milk in BALB/c mice infected with Plasmodium berghei ANKA (2021)https://doi.org/10.1371/journal.ppat.1011661 Intestinal Injury and the gut microbiota..... (2023) https://doi.org/10.2147/JIR.S400782 Bifidobacterium longum administration diminishes parasitemia and inflammation during Plasmodium berghei infection in mice.</p>	
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<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>It is recommended to correct presentation details marked in the text.</p> <p>Yes, is comprehensive.</p>	
<p>Optional/General comments</p>	<p>The sections that should be reviewed and corrected for better presentation have been marked in the text of the article.</p> <p>a) Table 1 and 2 b) Statistical significance of hematological parameters c) Bibliography</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>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>
<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>	

Reviewer Details:

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<p>Department, University & Country</p>	<p>Instituto Politécnico Nacional, Mexico</p>