Reviewer's report

Title: Role of CD8+ T cells in protection against Leishmania donovani infection in healed visceral Leishmaniasis individuals

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- Minor Essential Revisions:

The current study evaluated the immunological mechanism associated with resistance to the disease in healed VL (HVL) individuals to L.donovani infection and possible role of CD8+ T cells in the protective immunity. Although the manuscript is well written but it may be considered for publication if the following concerns are properly addressed by the authors.

- The statement of authors that in HVL group there is a high cellular immunological response to total soluble Leishmania antigen in terms of lymphoproliferation and production of Th1 cytokines, is not a new observation. However, the estimation of granzyme B level is a new study which they have done to assess the production of cytotoxic T cells. On the basis of this they have hypothesized the role of CD8+ T cells in resistance to L.donovani infection.

- There are some spelling mistakes which needs attention.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests